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CALIFORNIA GARDENING

1936

INDEXED



Hotel Del Mar Gardens
See Page Seven



Marigold Dixie Sunshine



Calendula Shaggy



Germain's New Flower

New MARIGOLD *Chrysanthemum Flowered* DIXIE SUNSHINE

Sensationally new and fascinating, this 1936 All American Selection offers an entirely new type of Marigold. It is chrysanthemum-flowered in the true sense of the word, the petals being neatly pointed and incurved like an autumn chrysanthemum. The large globe-shaped flowers reflect a glint of pure yellow gold and are a fitting tribute to the glorious southern clime for which they are named, Dixie. Blooming profusely from August until frost the strong husky plants add an admirable feature to the summer garden while the rigid-stemmed flowers are a constant joy in home decoration. Their odor is a pleasant tang, entirely new in Marigolds. Add Dixie Sunshine to your list, you will not be disappointed.

Price: Per Packet 25c; $\frac{1}{8}$ oz. 50c

New CALENDULA *Shaggy* ORANGE SHAGGY

Orange Shaggy is a very distinct new break in Calendulas. The petals are long and deeply fringed or lacinated. Row after row of these long fringed petals overlap each other in a rather irregular fashion and build up a bloom with the shaggy appearance of some Chrysanthemums. These blooms are of great grace and beauty, sharply contrasting with the rather formal appearance of varieties such as Orange King, etc. The color is a deep orange shading to slightly lighter orange in the center of the bloom, giving the flower a delightful two-tone effect. Well grown, Orange Shaggy has long stems and forms plants about eighteen inches high.

Per Packet 25c; 5 Packets for \$1.00.

New PETUNIA *Miniature* ROSE GEM

Outstanding among this year's All American Selections, Rose Gem, brings to the gardens of America a new plant whose usefulness and beauty insures a lasting popularity. Petunias as a whole are noted for their ease of culture and freedom of bloom.

Rose Gem is no exception, it is floriferous almost beyond belief, but it is in the form of the plant itself that this novelty differs from, and supersedes, all older types of dwarf border Petunias. Of remarkable uniformity, the compact, neatly rounded plants reach a height of only six inches, completely covering themselves with a mass of gay and dainty flowers of the same deep rich rose color so much admired in the older variety Rose of Heaven. For low permanent borders there is nothing to approach Rose Gem.

Price per packet, 25c; 5 packets for \$1.00.

New SNAP DRAGON *Rust Proof* MAXIMUM MIXED

This mixture contains all the colors that have been introduced in the non-resistant types and many new shades. The habit of the plants is base-branching, having 12 to 18 tall spikes on which the large blossoms are gracefully spaced.

Plan to grow Snapdragons all summer from now on, they are grand in garden or cut flower display. All fear of failure may now be dismissed, the new Rust proof Strain has conquered completely the dreaded Rust, deadly enemy of summer Snapdragons.

Price: Per Packet 25c;
5 Packets \$1.00.



Snapdragon Rust Proof

Petunia Rose Gem

NOVELTY COLLECTION B

One packet each of the four beautiful flower seeds novelties offered on this page for, postpaid, 85c.

Seeds for 1936

New NASTURTIUM *Sweet Scented* DOUBLE SCARLET GLEAM

Those who have seen Scarlet Gleam, enthusiastically proclaim it even more dazzling in color than the showy Golden Gleam. The flowers are a fiery orange scarlet of extraordinary brilliancy. The individual blooms are of an immense size, almost three inches across, much larger than any Nasturtium ever known. The sweet fragrance is more pronounced, and the double flowers more uniformly well formed. The large, fiery scarlet flowers held well above the cool restful green leaves present an arresting contrast, while the ease with which the plant is grown under almost any condition insures a universal popularity.

Price: Per Packet 10c; Large Packet 25c; Oz. 60c.

New ZINNIA *Fantasy* MIXED

Fantasy is the most fascinating new Zinnia type introduced to the flower world in many years. The very informal, shaggy appearing flowers are graceful and interesting in the extreme. The petals of the rounded blossoms are ray-like, curled and interwoven, giving a novel charm quite distinct from all other types of Zinnias.

The colors are unusually bright and include shades of red, yellow, and orange. This new Zinnia is undoubtedly one of the most attractive novelties.

Per Packet 20c; 3 Packets 50c.

New POPPY ICELAND SANTA MARIA INN HYBRIDS

Visitors at the Santa Maria Inn in Santa Maria have been struck by the extraordinary size and beauty of the Iceland Poppies displayed there during the past two years. Mr. Frank McCoy, proprietor of the Inn, a horticulturist of note, is the originator of this truly remarkable strain. The flower stems are notably tall and wiry. The blossoms are more lasting and the plants carry on farther into the summer. The color range is the best we have seen in Iceland Poppies, including picotees, carmine, satin pink, orange, champagne, etc., and a truly gigantic pure white.

Packet 25c; 5 Packets \$1.00

New ASTER *Super Giant* EL MONTE

This new Aster, one of the All American Selections for this year, holds rank with the most noteworthy new introductions of recent times. It is in fact, the first and only really large crimson Aster.

It is a companion variety to the Super Giant Los Angeles introduced

two years ago; a deep glowing crimson in color and composed of abundant quantities of daintily interlaced plumelike petals. The flowers are extremely large and fluffy with heavy non-lateral, basal branched stems. A long-needed and valuable addition to the popular giant Asters.

Price: per Packet 25c; 1-16 oz. 65c.



Aster El Monte



Nasturtium Scarlet Gleam



Zinnia Fantasy



Poppy Santa Maria

NOVELTY COLLECTION C

One packet each of the four novelties offered on this page for 70c.

(Collections B and C combined (8 Pkts.) Postpaid, \$1.50)



Germain's Selection of the World's Finest Pansies

SWISS GIANT PANSIES

The Swiss Giant Pansies have gained renown throughout America as well as in Europe. They are of exceptional size, borne on tall, sturdy stems and very free flowering.

We take pleasure in offering three beautiful separate colors of this remarkable strain.

3530 Swiss Giant Dark Blue. 1-16 oz. \$1.75; packet 35c.

3533 Swiss Giant Golden Yellow. 1-16 oz. \$1.75; packet 35c.

3534 Swiss Giant Red. 1-16 oz. \$1.75; packet 35c.

3537 Swiss Giants Mixed. The largest and most remarkable of all European strains. The flowers as well as the plants develop to immense size. Colors rich in red and art shades, many beautifully marked. 1-16 oz. \$1.10; per packet 25c.

Collection: One packet each of the 3 colors and 1 packet of Swiss Giant Mixed for \$1.00.

GIANT MASTODON PANSIES

The Mastodon Strain is the outstanding American Pansy. Millions of plants are grown from this seed in America every year. Our seed is grown for us by the originator of Mastodon Pansies.

3495 Golden Gate. A monster golden yellow. Dark center. 1-16 oz. \$1.50; packet 25c.

3498 Isabelle. Ruffled bronze and yellow. 1-16 oz. \$1.50; packet 25c.

3508 Vulcano. Burgundy red, long stems. 1-16 oz. \$1.50; packet 25c.

3505 Sea Blue. The most beautiful shade of blue we have so far seen in pansies. 1-16 oz. \$1.50; packet 25c.

3500 Madame Steele. Elk's purple, immense blooms. 1-16 oz. \$1.50; packet 25c.

3513 White Mastodon. Very large, pure white. 1-16 oz. \$1.50; packet 25c.

3543 Mastodon Miracle Mixed. "Just a little bit better." 1-16 oz. \$1.50; packet 25c.

3547 Mastodon Jumbo Mixed. The latest creation. 1-16 oz. \$1.75; packet 35c. Collection offer: One packet each of the 8 Mastodon Pansies (6 colors and 2 mixtures, a \$2.10 value) for \$1.60.

FRENCH BEDDING PANSIES

A sturdy race, extremely free blooming, especially desirable for larger beds and borders where a mass of color rather than size of the individual bloom is wanted.

3515 Light Blue. $\frac{1}{8}$ oz. 30c; Pkt. 10c.

3518 Royal Blue. $\frac{1}{8}$ oz. 30c; Pkt. 10c.

3519 Gold Margined. $\frac{1}{8}$ oz. 30c; Pkt. 10c.

3522 King of the Blacks. $\frac{1}{8}$ oz. 30c; Pkt. 10c.

3527 Blood Red. $\frac{1}{8}$ oz. 30c; Pkt. 10c.

3528 Snowflake. Snow white. $\frac{1}{8}$ oz. 30c; Pkt. 10c.

3532 Golden Yellow. $\frac{1}{8}$ oz. 30c; Pkt. 10c.

3540 Fine Mixed. A full range of color. $\frac{1}{4}$ oz. 50c; Pkt. 10c.

GIANT VIOLAS

(Tufted Pansy)

4021 Apricot. Orange apricot. Pkt. 25c.

4038 Heavenly Blue. Sky blue. Pkt. 25c.

4027 Royal Blue. Deep royal blue. Pkt. 25c.

4036 Rose Queen. Large rose. Pkt. 10c.

4028 White Perfection. Pure white. Pkt. 15c.

4026 Yellow Queen. Bright golden yellow. Pkt. 10c.

4029 Hybrid Grandiflora Mixed. New Pansy-flowered Violas mixed. $\frac{1}{8}$ oz. 75c; Pkt. 25c.

GERMAIN'S WINTER WONDER SWEET PEAS LOS ANGELES EXPOSITION COLLECTION

This assortment contains seven of the latest introductions in novelty Early or Winter flowering Sweet Peas. Undoubtedly one of the most outstanding collections ever offered.

Los Angeles. Our own introduction, a brilliant rose pink of giant size, petals beautifully waved. A vigorous, free-blooming variety. Packet 20c.

Exposition Pink. A giant flower named in honor of a Century of Progress Exposition. The color is a distinct geranium pink and exceedingly attractive. Packet 25c.

Red Cross. Glowing poppy scarlet. A fine red of the shade so much used at Christmas time. Pkt. 20c.

Mrs. Herbert Hoover. Our leading blue variety. Extra long stems, large flowers and a fine bright blue in color. Pkt. 20c.

Orange Supreme. A strong growing, long stemmed flower of clear salmon orange. Pkt. 20c.

Lavanda. This fine variety is most aptly named. A true lavender in color, unusually sweet scented. Packet 25c.

Oriente. A fine deep cream which blends beautifully with lavender, pink and other delicate shades. Pkt. 20c.

LOS ANGELES EXPOSITION COLLECTION

The entire Los Angeles Exposition Collection of Seven New Winter Spencer Sweet Peas (a \$1.50 value), **\$1.00** for, postpaid



Giant Violas

Germain's Famous Zinnias

Note: Zinnia Fantasy, see Color Page C; Midget and Crown o' Gold, Novelty Page 8; Scabious Flowered, Page 10.

GOLD MEDAL DAHLIA-FLOWERED ZINNIAS

The most famous Zinnia in the world—awarded gold medal in London and Antwerp and many distinctions in this and other countries. As the name implies this magnificent strain produces deep centered flowers of huge size resembling the decorative dahlia. Illustration—lower right.

- 4087 **Canary Bird.** Primrose yellow. Very large.
- 4088 **Crimson Monarch.** The largest and best crimson.
- 4089 **Dream.** Deep lavender or purple.
- 4091 **Exquisite.** Rose with darker center.
- 4092 **Golden State.** Rich orange yellow.

- 4093 **Illumination.** Rich deep rose.
- 4095 **Old Rose.** A soft salmon rose.
- 4097 **Polar Bear.** Named after the white dahlia "Polar Bear."
- 4098 **Scarlet Flame.** Vivid scarlet.
- 4100 **Dahlia-Flowered Zinnias** in choice mixture.

Price: Per packet 15c each; 1/4 oz. 35c.

Collection: The entire collection of nine Dahlia-Flowered Zinnias, \$1.15.

Write for our special booklet on the origin, history and culture of the Zinnia. Free if asked for when ordering.

GERMAIN'S CALIFORNIA GIANTS

Real giants in size of flower as well as growth of the plant itself. Heavily branched they reach a height of 3 to 4 ft., and bear, throughout the summer large numbers of immense double flowers. Illustration—center right.

- 4165 **Cerise Queen.** Cerise rose.
- 4161 **Lemon Queen.** Lemon yellow.
- 4176 **Brightness.** Bright pink.
- 4175 **Daffodil.** Canary yellow.
- 4162 **Orange King.** Burnt orange.
- 4163 **Orange Queen.** Golden orange.

- 4166 **Rose Queen.** Rose pink, deep rose center.
- 4174 **Violet Queen.** Lavender violet.
- 4167 **Scarlet Gem.** Glowing scarlet.
- 4164 **Purity.** Pure white.
- 4168 **California Giant Mixed.**

Price: Per packet 15c each; 1/4 oz. 35c.

COLLECTION: One packet each of the eight named sorts for \$1.00

CUT-AND-COME-AGAIN ZINNIAS

Sturdy bushes 2 feet tall bearing great numbers of large, double flowers highly prized for cutting as well as for beds, borders and massing in the garden.

- 4106 **Burnt Orange.** Golden orange.
- 4118 **Golden Yellow.** Bright even yellow.
- 4107 **Crimson.** Dark red.
- 4111 **Rose Pink.** Bright rose.

- 4112 **Purple.** Deep lavender purple.
- 4114 **Salmon.** Salmon rose.
- 4115 **Scarlet.** Bright red.
- 4117 **White.** Pure white.
- 4120 **Mammoth Mixed.** All colors.

Price: Per Packet 10c each, 1/4 oz. 25c.

The Collection of 8 Cut-and-Come-Again Zinnias, 65c.

NEW POMPON OR LILLIPUT ZINNIAS

These small button-like Zinnias are a recent and valuable introduction. They are worthy of a place in any garden; dainty yet full of character, they strike a gay note wherever planted. Illustration—upper right.

- 4142 **Dark Crimson.** Deep red.
- 4143 **Golden Gem.** Bright yellow.
- 4145 **Scarlet Gem.** Bright scarlet.

- 4146 **White Gem.** Pure white.
- 4148 **Salmon Rose.** Clear rose.
- 4150 **Lilliput Mixed.**

Price: Per Packet, 15c each; 1/4 oz., 30c.

Collection: One packet each of the five colors for 60c.

GOLD MEDAL COLLECTION

The seed in this collection is specially grown for us by the originator of the Dahlia-Flowered Zinnia. Large lithographed package contains many beautiful colors. A surprising value at..... **50c**

Novelty Zinnias of Special Interest

- 4158 **Victory Quilled.** Prettily quilled in shades of gold, russet and orange. Pkt. 25c.
- 4156 **Dwarf Picotee.** Petals are edged and tipped with contrasting colors. Mixed shades. Pkt. 25c.

- 4135 **Tom Thumb Zinnia.** Very dwarf, 4 to 6 inches high, covered with small double flowers. Mixed, Pkt. 25c.

GERMAIN'S BLAZE O' COLOR COLLECTION

This favorite assortment contains six separate full sized packets of giant flowered Zinnias and one package of plant food tablets.

▲ 75c value for.....

50c

Victory Quilled

Germain's Choice Delphiniums

NEW WHITE DELPHINIUM SUMMER CLOUD

We have made a careful check of the various white delphiniums now in cultivation. Our trials show conclusively that Delphinium Summer Cloud is far superior to all other white varieties which have come to our attention. Summer Cloud is taller, reaching the same height as other hybrid delphiniums. Its spikes are from ten to twelve inches long and it comes nearly 100% true to color.

With the present vogue for white flowers in the garden as well as for cutting, we recommend this new and stately delphinium as a very valuable novelty.

Price: Per Packet 25c; 5 Packets for \$1.00.

NEW HOLLYHOCK STRAIN

2829 This striking type is the result of several years of painstaking reselecting by a noted California Hybridizer. The flowers are large, fully double, well-placed on long, pyramidal spikes; their sturdy growth and general appearance reminding one of a Hollyhock, hence the name. The color range is most pleasing and we strongly recommend it to all who prefer the bright and lighter shades. Per packet 25c.

GIANT DOUBLE DELPHINIUMS GERMAIN'S GIANT HYBRIDS

After several years of careful field study and selection of the best strains of delphinium, we planted the group from which this seed was gathered at our Van Nuys Nursery.

We have given much attention to the color range, our selections of the Hollyhock and Wrexham hybrid strains being further augmented by the addition of named giant double varieties imported from England. To the usual shades of blue, purple and white have been added the lavenders, mauve and opalescent tones usually found only in the named sorts. All who saw these remarkable flowers exclaimed that they had never seen such Delphiniums at any time anywhere.

Price: Per Packet 35c; 3 Packets for \$1.00.

IMPROVED ENGLISH HYBRIDS

Selections made from many excellent Delphinium varieties recently imported from England have given rise to this improved strain of English Hybrids. They have proved exceedingly successful in California and produce an abundance of flowers of great beauty. It is a strain we can heartily recommend, knowing that it cannot fail to give great general satisfaction.

This strain is now available also in separate shades which are offered below:

2824 Deep Blue Shades. Rich velvety purple and blue.

2826 Mid Blue Shades. Lovely violet and light purples.

2839 Light Blue Shades. Delicate turquoise and azure blue.

2840 Pastel Shades. Exquisite blendings of mauve, lavender, light blue, etc.

2831 Improved English Hybrids Mixed. A superb mixture containing the full range of color.

Price: Any of the above 25c per packet. 2832 Gold Medal Hybrids. Improved double flowering hybrids. The plants grow to 5 feet in height and produce large full flowers in a great variety of delicate colors, especially in the lighter shade of blue. Per packet 15c.

IMPROVED BELLADONNA

2837 Cliveden Beauty. A greatly improved light blue variety. It is a strong grower with exquisite large flowers of clear turquoise blue. Pkt. 20c.

2825 Delphinium Belladonna (California Strain). No summertime visitor to California can fail to see this exquisite flower, for every flower store in Southern California displays huge baskets of it through the major part of the season. It is indeed the cut flower "par excellence" among Delphiniums. We have been told that our California strain of Belladonna is of a purer turquoise blue; it is undoubtedly very lovely. The plant grows to a good height, blooms abundantly and is worthy of a place among the best in every garden. Per packet 15c.

2827 Delphinium Bellamosum. A deep royal blue variety. It is said to be a hybrid between the foregoing and Formosum, but is perhaps a more vivid and intense blue. It has the tall habit and profuse growth of Belladonna and is the finest of the dark blue sorts. Per packet 15c.

2835 Elatum Hybridum Single Mixed. A very choice strain of light and dark blue shades. Height 5 feet. Per packet 10c.

GERMAIN'S GOLD MEDAL DELPHINIUM COLLECTION

One packet each of the new white Delphinium Summer Cloud, New Hollyhock strain mixed and Germain's Double Giant Hybrids (a regular 85c value) **50c for**

California Giant Delphinium DELPHINIUM CHINENSIS (Chinese Delphinium)

2828 Cambridge Blue. A clear light blue annual Chinensis type variety. Pkt. 20c.

Very attractive species blooming quickly from seed. They grow to a height of 2 or 3 feet and are useful for bedding and cut flowers. The seed may be sown in the open in spring for summer blooming.

2819 Chinensis Album Grandiflorum. Large flowering white.

2822 Chinense Dark Blue. Deep royal blue.

2821 Chinense Azure Blue. (Azure Fairy). Delicate sky blue.

2823 Chinense Blue Butterfly. Bright navy blue, excellent cut flower.

Price of the above 10c per packet.



Germain's Rare Bulb Specialties

GERMAIN'S EXQUISITE NOVELTY THE RARE PINK CALLA

(*Richardia Rehmannii*)

This charming and rare member of the Calla family is unlike all others in color, size and appearance. We believe it will become one of the most sought after pot plants for the conservatory, sun porch and window garden. In California and Southern states it is quite at home in semi-shaded spots in the garden. The flowers of this lovely miniature Calla are a warm shade of carmine rose in color and about 2 inches in diameter. The plants reach a height of 1½ feet. The bulbs are of rounded form and smaller than the common Calla; they bloom readily in the open ground and in pots.

First Size Bulbs—\$1.00 each; 3 for \$2.50; \$10.00 per doz.

Second Size Bulbs—75c each; 3 for \$1.90; \$7.50 per doz.

CULTURE. The new Pink Calla is a very attractive pot plant, blooming about 10 weeks after starting. Plant one bulb in a 5-inch pot or 3 bulbs in a 6-inch pot, using rich sandy loam and covering the bulbs one inch with soil. A bright room where they receive plenty of light without much direct sunlight is best. Do not water much until growth is well started after that water regularly. Liquid fertilizer may be used after 2 or 3 leaves are formed. The temperature should not go below 50 degrees for good continuous growth. For garden use they may be set out in a shaded or partly shaded place after the weather warms up in spring. Plant them 3 inches deep and 8 to 10 inches apart. Water frequently in dry weather.



Pink Calla



GOLDEN CALLA

(*Richardia Elliotiana*)

This lovely Calla produces grand deep yellow flowers on tall stems. The leaves are spotted with white. Very attractive as shady garden or pot plant.

Ex. Large: 35c ea.; \$3.50 doz.
Lge. Bulbs: 20c ea.; \$2.00 doz.
Med. Size: 15c ea.; \$1.50 doz.

GOLDEN CHINKERICHEE

Ornithogalum Aureum

A prized new flower from South Africa. Because of its origin and unusual qualities we are convinced that a bright future awaits this new comer in Southern California. In color it is a rich apricot yellow with a touch of orange. The stems grow about 1 foot high with most of the upper half covered with flowers. Its lasting qualities when cut, are truly remarkable, flowers holding good form and color for weeks. It is easily grown in any ordinary garden soil and prefers a sunny location.

First Size: 35c each; 3 for \$1.00; \$3.50 per doz.

Second Size: 25c each; 3 for 70c; \$2.75 per doz.

CAPE CHINKERICHEE

Ornithogalum Thyrsoides

The famous "Chinkerichee" from the Cape is a conspicuous flower in any garden. Its tall, stout stems rise three feet high, bearing clusters of pure white flowers, lasting in good condition for over six weeks. The cut flowers are sent from South Africa to England, lasting for weeks after arrival.

Price: 3 for 20c; 75c per doz.; \$5.50 per 100.



Ornithogalum Aureum

GLORY OF THE SUN

Leucocoryne Ixioides Odorata

A recent introduction from the mountains of Chile.

This glorious new flower has been greatly admired at flower shows in Santa Barbara and Los Angeles this year. Its delightfully fragrant blossoms are produced in large heads and appear in the spring. They are an exquisite blue shade, with lighter center and yellow base and stamens. Its long lasting qualities as a cut flower and its ease of culture make it an outstanding new plant.

Top size: 35c each; 3 for \$1.00; \$3.50 per doz.; \$26.50 per 100.

First size: 25c each; 4 for 90c; \$2.65 per doz.; \$20.00 per 100.



THE REGAL LILY

(*Lilium Regale*)

One of the hardiest and most beautiful of lilies. The flowers, shaped like the easter lily, are white with yellow center and the outside of the petals tinged with purple.

1st Size: 20c ea.; \$2.00 doz.
2nd Size: 15c ea.; \$1.25 doz.

RARE BULB COLLECTION G

One bulb each of the rare Pink Calla, Golden Chinkerichee and Glory of the Sun, postpaid for \$1.00.

Leucocoryne
G



GERMAIN'S NEW

INTRODUCING

Our Finest 1936 Novelty—The Superb New
Hybrid-cactus Dahlia

MRS. MANFRED MEYBERG

This beautiful new dahlia has the perfection of form and regular, slender petalage of the finest hybrid-cactus type. The flowers, which are large and deep centered, are held erect on rigid, graceful stems. The plant is vigorous, has a wealth of good clean foliage and is exceptionally free flowering. The color blend in this new flower is fascinating; the petals are of a rich coral salmon suffused with carmine, changing in the center to a pleasing primrose yellow while the tips are touched with gold. We are convinced that this magnificent new dahlia will grace the gardens of America for many years. We have grown a large stock of this fine dahlia and while a first year novelty of great merit we are offering it to our customers at an unusually low price:

\$1.00 Each or \$10.00 per dozen.

MARY AGGEN

(Germain 1936) Semi-Cactus

A new variety of singular charm and sterling quality. It is a seedling of the popular scarlet variety Tommy Atkins and has all this fine variety's good points. A strong grower and prolific bloomer with good foliage and straight wiry stems. The color which is a vivid cherry scarlet in the center blends to lavender at the tips resembling changeable silk. \$2.50 each.

BROWN BETTY

Here is a surprisingly novel flower which will appeal to many. The color is a most unusual combination of buff, gold and bronze, heightened by a brown reverse. It is a large informal decorative of vigorous habit. \$1.50 each.

GERMAIN'S CHOICE

ABDILLAH. Decorative. Deep blood red, with broad flat petals and perfect center. Good cut flower to the end of the season. \$1.50.

ANDREAS HOFER. German Cactus. Bright pink shading to a creamy center. 50c.

AVALON. A rich golden yellow. Decorative of great size and beauty. Remarkably fine cut flower, held erect on strong stems well above the heavy dark green foliage. 35c.

BALLET GIRL. Cactus. Large and free flowering. The petals are narrow incurved, orange tipped with white. 50c.

BONNIE BLUE. Show. Popular wherever seen. Its striking near blue color is unique. 25c.

B. P. O. E. Show. A rich royal purple. Perfect form, good stems and good keeping qualities. 25c.

CANARY CUP. Informal Decorative. A very large rich yellow of good keeping qualities, growing on very long stems. One of the sensations of the recent show. 75c.

CHAMPAGNE. Decorative. Champ-ols tinted with coppery bronze. Huge flower on rigid upright stem. 50c.

DOROTHY FRENCH. Decorative. Excellent either for cutting or garden culture. Orchid pink in color. 50c.

DR. TEVIS. Decorative. Salmon rose, suffused gold and apricot. 50c.

EAGLE ROCK SUNSHINE. Cactus. An elegant flower of cactus type. Large, good substance and a fine deep yellow in color. 75c.

EL CAMINO REAL. Decorative. Large and velvety Spanish crimson. 50c.

ELIZABETH PAPE. A tiny Cactus variety which has attracted the greatest attention—color, a lovely salmon pink. 35c.

EXQUISITE PINK. Decorative. Attractive well-formed flowers, ideal for cutting. Bright pink. 50c.

FLAMING METEOR. A Decorative of great size and depth. Flaming scarlet and orange buff, a brilliant and luminous color combination. The position of the petals and entire make-up of the flower is remarkably regular and symmetrical. 75c.

FORT MONMOUTH. Hybrid Cactus. An excellent variety, well formed, showy, color rich claret red. 75c.

GLADYS BATES. Decorative. Color tan with rose reverse. Petals beautifully curled. 50c.

GLADYS SHERWOOD. Hybrid Cactus. White dahlias of real quality are not too plentiful. Gladys Sherwood is a glistening pure white of perfect form, large and free. 50c.

FERNAND OLIVET. Cactus. Deep maroon red, a very floriferous and an old garden favorite. 35c.

FIESTA QUEEN. Decorative. Massive blooms on strong stems. Gay shade of salmon and gold. 75c.

GOLDEN LOTUS. Decorative. Very attractive in form. A blending of coral and primrose in color. 50c.

GOLDEN WEST. Cactus. An old favorite and still one of the best cut flower cactus dahlias, orange yellow in color. 35c.

GOLD RUSH. Decorative. Clear lemon yellow—one of the few really good yellow sorts we have seen. 35c.

THE "BEAUTY" COLLECTION

Jersey Beauty. Rose Pink.....	\$1.50	Primrose Dame. Pink & Cream .	.35
Fernand Olivet. Crimson.....	.35	Jean Chazot. Tango.....	.75
B. P. O. E. Elk's Purple.....	.25	Queen of the Garden. Yellow .	.50
Gold Rush. Clear yellow.....	.35	Dorothy French. Orchid pink .	.50
Regular \$3.55 Value. Complete for \$2.50, postpaid			



GERMAIN'S PRIZE DAHLIA EXHIBIT

The above illustration gives a partial view of our exhibit at the Annual Show of the Southern California Dahlia Society.

DAHLIAS FOR 1936

ELISSA LANDI (Decorative)

We consider this one of the finest late introductions. The flowers rank with the largest and are beautifully formed. In color it is a glowing salmon shading to burnt orange. An exquisite shade in a flower of great beauty and distinction. \$2.50.

GOLDEN SUNBURST

Decorative

Full to the center at all times. Measures 7 to 8 inches under ordinary garden cultivation without disbudding. Color, a rich bright gold delicately tinted old rose deepening to carmine at the center. \$1.00.

MISS CARMEN CAMARILLO

Hybrid Cactus

A beautiful flower of good substance, and deep center. The petals gracefully waved and slightly curled. Color a glowing copper salmon changing to old gold at the base of the petals. \$1.50.

MAE WEST

Decorative

Flowers to 10 inches in size, tall and strong with fine dark green foliage. Color, a soft rosy pink blending to a rich gold center. \$1.50.

SATAN

Semi-Cactus

Flaming red with a slight touch of gold at the center. Petals rolled and incurved. A flower new in character and exquisite in coloring. Rugged in growth, with strong stems and large flowers. A consistent prize winner at the shows. \$2.00.

WHITE WONDER

Decorative

This splendid new white will be welcomed at a time when white flowers are becoming more and more the vogue. It is a remarkably strong grower, wide spreading with many branches and producing giant blooms that can be cut with 5- to 6-foot stems. The pure white flowers reach 11 to 12 inches and up to 8 inches in depth. \$2.50.

SPANKY

Miniature

A new variety in a new color, glowing scarlet, and all that might be desired in a miniature. 75c.



Giant Informal Decorative

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This exhibition flower can be grown to gigantic proportions. The plant is a very vigorous grower and prolific bloomer. The flowers are uniformly large, well placed on strong stems and of excellent keeping quality. In color Kathleen Norris is a vivid rose pink, later deepening to mallow pink, charming and attractive at all stages. Price: \$1.00 Each.

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(Postpaid)

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Interesting
Store in
America

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at Sixth and Main Streets.

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and our Valley seed store are
situated in the San Fernando
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ture quite readily here in winter.

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at Sixth and Main Streets in Los Angeles is the most interesting
store of its kind in America. It is a rendezvous of California gar-
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plete and up-to-date assortment of seeds, nursery stock and gar-
den requisites, but it includes also the largest and best appointed

bird and pet shop in the south-
west. It is no wonder, there-
fore, that the garden minded
and home loving delight to
congregate at Germain's, and,
to our readers and friends from
more distant parts, we wish
to extend an invitation to
visit our store, nursery and
bulb grounds, whenever you
may be passing through Los
Angeles.

A cordial welcome always
awaits you at GERMAIN'S.



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seed house in the west, is
also the most progressive.

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was destined to play in the de-
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fornia grown flower and vegetable seeds in the United States.

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complete published on this continent and included not only
flower and vegetable seeds but a complete assortment of do-
mestic and imported field seeds, bulbs, plants, roses, fruit
trees, etc.

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gardening and the name "California Gardening" has since been
adopted as the permanent title of our catalogue. The circula-
tion of "California Gardening" is not, however, restricted to
California, far from it. On the first of each year, thousands
of copies are forwarded to our customers in all parts of North
and South America and to almost every nation in Europe,
Australia, South Africa and the Far East.

IN LOS ANGELES SINCE 1871

The growth of Germain's in Los Angeles, has paralleled that
of the town itself. Founded in 1871, the business occupied but
one small store near the old Plaza. As the town grew and ex-
panded southward, the busi-
ness increased requiring larger
premises. Three times in the
intervening years it became
necessary to move the retail
and wholesale establishments
to more spacious quarters.

At present, the general offices
and wholesale warehouses
occupy seven floors of the
new Terminal Building
near Seventh and Central
avenues and the retail store
is located on the main

Retail Nursery
Department

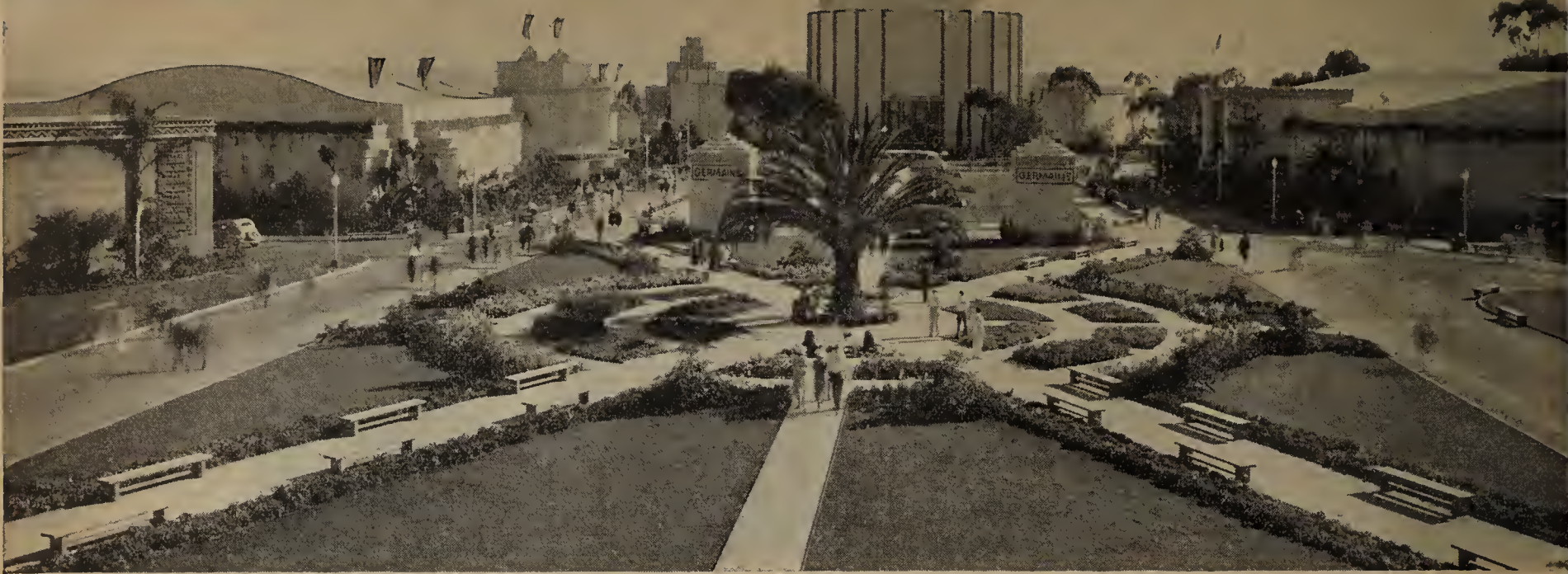
Germain's Roses
by the Acre

Retail Store,
6th and Main

Bulb Fields
at Camarillo

Test Grounds
at Van Nuys





Germain's Garden Exhibit at the California Pacific International Exposition.

Germain's Garden Exhibit is one of the most admired features at the California Pacific International Exposition at San Diego. The above illustration gives a partial view of the grounds where thousands of blooming plants and velvety green lawns combine in a glorious display of color that has won high praise from the throngs daily visiting the exposition.

HOW TO ORDER BY MAIL

Use the order sheet enclosed in catalogue if possible. In the space reserved for address write plainly your name, post office, nearest express or freight office (if different from post office), County and State. Keep a duplicate copy of your order for comparison.

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INSURANCE EXTRA—5c for each pkg. up to \$5, 8c up to \$25, 10c up to \$50.00.

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CALIFORNIA PACIFIC INTERNATIONAL EXPOSITION SAN DIEGO

August 12, 1935

Germain Seed and Plant Company,
Los Angeles, California.

Gentlemen:

Now that our California Gardens Exhibit is at its height I am reminded that your firm was the first large establishment to see the possibilities of the project, and agreed to take a major part in it.

Your fine spirit of cooperation and understanding all through have been tremendously helpful, and you have made an outstanding contribution to the Exposition's aesthetic side.

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W. L. VAN SCHAIK,
Director, Landscaping and Grounds.

Like all reputable seed houses Germain's has adopted the standard "non-warranty" clause of the American Seed Trade Association.

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Visit Our Nursery In Van Nuys

12 ACRES OF SHRUBS, PLANTS AND FLOWERS

You will be delighted by a visit to the new Germain nursery and seed store in North Hollywood. Besides a complete line of bulbs and seeds, there are on hand plants, shrubs, roses and trees in various stages of growth, ready to plant for the beautification of your home or estate.

RARE PLANTS FROM ALL OVER THE WORLD

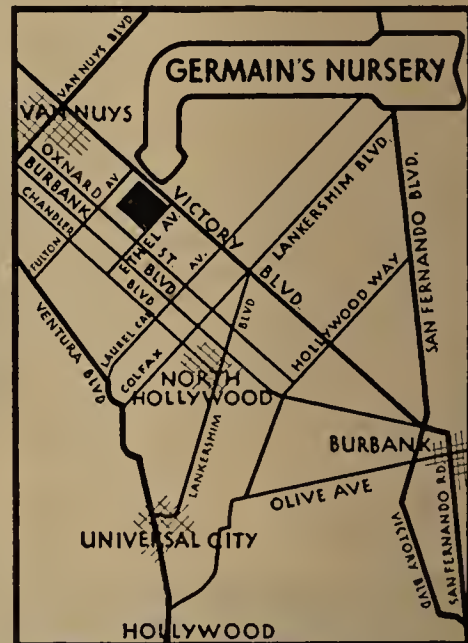
Rare flora from many parts of the world thrive in our Southern California climate. Through their world-wide connections Germain's can offer these exotic plants and shrubs for your selection. See them growing at the new nursery.

A COMPLETE LINE

No matter what you are going to plant, you will find the seed, seedling, bulb, plant, or tree at Germain's, and there is a complete representation of Germain's stock at the North Hollywood nursery and seed store.

HOW TO GET THERE

Adjoining map shows how conveniently located is the new nursery and seed store in North Hollywood. From Los Angeles, the motorist can choose the closest way from his home—San Fernando road, Victory Blvd., or Ventura Blvd.



GERMAIN'S

Germain Seed and Plant Co.

Partial View of Our Valley Nursery and Seed Store.



GERMAIN'S FLOWER PLANTING CHART

Names	Time to Plant	Principal Bloom	Names	Time to Plant	Principal Bloom	Names	Time to Plant	Principal Bloom
Abronia	Apr. to Jun.	Spring	Gaillardia	All Year	Sum. & Fall	Viola	Sep. to Dec.	Win. & Sp.
Acroclinium	Sep. to Jun.	Summer	Godetia	Jan. to May	Sp. & Sum.	Wallflower	Sep. to Feb.	Win. & Sp.
Ageratum	Oct. to May	Summer	Gypsophila	All Year	All Year	Zinnia	Mar. to Jun.	Sum. & Fall
Alyssum	All Year	All Year	Helichrysum	Feb. to May	Summer	BULBS		
Amaranthus	Apr. to Jun.	Summer	Hollyhocks	Sep. to Jan.	Sum. & Fall	Anemone	Aug. to Mar.	Early Spring
Aquilegia	Sep. to Jan.	Summer	Kochia	Feb. to May	-----	Amaryllis	Aug. to Mar.	Summer
Arctotis	Apr. to Jun.	Summer	Larkspur	All Year	Sp. & Sum.	Begonia (Tub.)	Feb. to May	Summer
Asters	Feb. to May	Sum. & Fall	Linum	Sep. to May	Sp. & Sum.	Caladium	Dec. to Feb.	-----
Balsam	Feb. to Jun.	Summer	Lobelia	Apr. & May	Sp. & Sum.	Calla Lily	Aug. to Feb.	Win. & Sp.
Bellis	Aug. to Nov.	Spring	Lupinus	All Year	Spring	Calla Yellow	Dec. to Apr.	Sp. & Sum.
Calendula	All Year	All Year	Marigold	Feb. to May	Sum. & Fall	Chinese Sac. Lily	Aug. to Jan.	Win. & Sp.
Calliopsis	All Year	Sp. to Fall	Mignonette	All Year	Win. & Sp.	Daffodil	Oct. to Jan.	Early Spring
Campanula	Aug. to Dec.	Summer	Moon-flower	Feb. to May	Summer	Dahlia	Mar. to Jun.	Sum. & Fall
Candytuft	All Year	Sp. & Fall	Morning Glory	Feb. to May	Summer	Freesia	Aug. to Nov.	Win. & Sp.
Carnation	Apr. to Sep.	Sum. & Fall	Nasturtium	All Year	Sp. & Fall	Gladiolus	Sep. to May	Sp. & Sum.
Celosia	Apr. to Jun.	Sum. & Fall	Pansies	All Year	Win. & Sp.	Hyacinth	Oct. to Jan.	Early Spring
Centaurea	All Year	Sum. & Fall	Pentstemon	Sep. to Nov.	Sp. & Fall	Iris, Spanish	Sep. to Dec.	Spring
Chrysanthemum (Annual)	Oct. to Apr.	Summer	Petunia	Sep. to Jun.	Sp. & Fall	Iris, German	All Year	Win. & Sp.
Clarkia	Jan. to May	Summer	Phlox	All Year	Sp. & Sum.	Ismene	Sep. to Apr.	Summer
Coreopsis	All Year	Summer	Poppy	Feb. to May	Sp. & Sum.	Ixia	Aug. to Nov.	Spring
Cosmos	Feb. to Jun.	Sum. & Fall	Portulaca	Apr. to Jun.	Summer	Ornithogalum	Aug. to Jan.	Early Spring
Cypress Vine	Mar. to May	Summer	Rhodanthe	Sep. to May	Summer	Lilies	Sep. to Apr.	Sp. & Sum.
Dahlia	Apr. to Jun.	Fall	Salpiglossis	Sep. to Jun.	Summer	Montbretia	Sep. to Jan.	Summer
Daisy, Shasta	Sep. to May	Summer	Salvia	Feb. to May	Sum. & Fall	Narcissus	Aug. to Jan.	Win. & Sp.
Delphinium	Sep. to Nov.	Sum. & Fall	Scabiosa	Mar. to Jun.	Sum. & Fall	Ranunculus	Aug. to Apr.	Win. & Sp.
Dianthus	Apr. to Jun.	Sum. & Fall	Schizanthus	Feb. to May	Summer	Sparaxis	Aug. to Jan.	Spring
Digitalis	Sep. to Mar.	Sum. & Fall	Snapdragon	Sep. to Jan.	Spring	Tritonia	Sep. to Dec.	Spring
Dimorphotheca	All Year	Win. & Sp.	Statice	Sep. to May	Sp. & Sum.	Oxalis	Aug. to Nov.	Win. & Sp.
Eschscholtzia	All Year	Sp. & Sum.	Stocks	All Year	Win. & Sp.	Tuberose	Dec. to Apr.	Summer
Forget-Me-Not	Sep. to Nov.	Summer	Sweet Pea	All Year	Win. & Sp.	Tulips	Oct. to Jan.	Early Spring
Four o'Clock	All Year	Sum. & Fall	Sweet William	Sep. to Feb.	Summer	Watsonia	Aug. to Nov.	Early Spring
			Verbena	All Year	Sum. & Fall	Zephyranthes	Sep. to Jan.	Sp. & Sum.

THE FLOWER GARDEN MONTH BY MONTH---WHAT TO PLANT IN:

(Note: Varieties preceded by X sow seeds in flats and transplant)

JANUARY

Seeds—Acroclinium, Alyssum, X Antirrhinum, X Aquilegia, Bartonla, Calendula, Calliopsis, Candytuft, Centaurea, Annual Chrysanthemums, Clarkia, X Delphinium, Godetia, X Larkspur, Lupin, Mignonette, Nigella, X Phlox, Poppies, California Poppy, Scabiosa, Schizanthus, Sweet Peas.
Bulbs—Amaryllis, Anemone, Gladiolus, Ismene, Lilliums, Ranunculus, Tuberose, Tuberous Begonia.

FEBRUARY

Seeds—Acroclinium, African Daisy, X Agathe, X Ageratum, Alyssum, X Aquilegia, X Asters, Bartonla, X Begonia, Calendula, Calliopsis, Candytuft, Centaurea, Clarkia, X Coreopsis, Early Flowering Cosmos, California Poppy, Dahlia, X Delphinium, X Gaillardia, X Godetia, Gypsophila, X Hollyhock, Hunnemannia, Larkspur, Linaria, Linum, X Lobelia, Lupinus, Mignonette, X Myosotis, Nasturtium, X Nemesis, Nemophila, Nigella, X Pentstemon, X Petunia, X Perennial Poppies, Poppies, Phlox, Salpiglossis, Schizanthus, Scabiosa, X Shasta Daisy, X Stocks, Sweet Peas, X Viola Cornuta, and Wildflower Mixture, Lawn Grasses.
Bulbs—Amaryllis, Caladium, Gladiolus, Lilliums, Tigridias, Tuberose, Tuberous Begonia.

MARCH

Seeds—Acroclinium, Ageratum, Alyssum, Amaranthus, X Aquilegia, Arctotis, X Asters, Balsam, Bartonla, X Begonia, X Bellis, Brachycome, Calendula, Calliopsis, Candytuft, X Canterbury Bells, X Carnation, Celosia, Centaurea, Clarkia, X Coleus, X Coreopsis, Early Flowering Cosmos, Dahlia, Painted Daisy, Daisies, X Daisy, X Delphinium, X Didiscus, Four o'Clock, X Gaillardia, X Gerbera, X Geum, Godetia, Gomphrena, Gypsophila, Helichrysum, X Heliotrope, Hunnemannia, Kochia, Larkspur, Linum, X Lobelia, Lupin, Marigold, X Matricaria, Mignonette, Nasturtium, X Nemesis, Nemophila, X Nicotiana, Nigella, X Pentstemon, X Petunia, Phlox, Salpiglossis, X Salvia, Scabiosa, Schizanthus, X Shasta Daisy, X Statice, X Stocks, Sunflower, Sweet Peas, X Sweet William, X Verbena, X Viola, Vine Seeds, X Vine Seeds, X Wallflower, Lawn Grasses.
Bulbs—Cannas, Dahlias, Gladiolus, Tuberose.

APRIL

Seeds—Abronia, Acroclinium, Ageratum, Amaranthus, Arctotis Grandis, X Asters, Balsam, Candytuft, Calendula, Calliopsis, X Carnation, Celosia, Centaurea, Early Cosmos, Dahlia Seed, X Delphinium, X Didiscus, X Geum, X Gerbera, Gypsophila, Helichrysum, Hunnemannia, Kochia, Larkspur, X Lobelia, X African Marigold, African Marigold, Mathiola, Mignonette, X Nicotiana, Nicotiana, Nigella, Nasturtium, Oenothera, Painted Daisy, Petunia, X Petunia, Phlox Drummondii, Portulaca, X Primula, Rhodanthe, X Salvia, Salpiglossis, Scabiosa, X Statice, X Stocks, Sunflower, Valeriana, X Verbena, Verbena, Vine Seeds, Wallflower, Zinnia, Lawn Grasses.
Bulbs—Cannas, Dahlia, Gladiolus, and Tuberose.

MAY

Seeds—Abronia, Ageratum, Alyssum, Amaranthus, Arctotis Grandis, X Asters, Balsam, Candytuft, Calliopsis, X Carnation, Celosia, Centaurea, Cosmos, X Delphinium, X Dianthus, X Gaillardia, X Geum, X Gomphrena, Gypsophila, Helichrysum, Hunnemannia, Larkspur, X Lobelia, African Marigold, X Matricaria, Mignonette, Nasturtium, X Nicotiana, Nigella, Oenothera, Painted Daisy, Petunia, X Petunia, Phlox Drummondii, Portulaca, X Primula, Rhodanthe, X Salvia, Salpiglossis, Scabiosa, X Statice, X Stocks, Sunflower, Valeriana, X Verbena, Verbena, Vine Seeds, Wallflower, Zinnia, Lawn Grasses.
Bulbs—Cannas, Dahlia, Gladiolus, and Tuberose.

JUNE AND JULY

Seeds—Calendula, Candytuft, X Cineraria, Late Cosmos, Centaurea, Daisies, X Delphinium, Gypsophila, African Marigold, Nasturtium, Phlox, Portulaca, Salpiglossis, Vine Seeds, Zinnia.
Bulbs—Gladiolus.

AUGUST

Seeds—X Aquilegia, X Antirrhinum, Calendula, X Carnation, X Canterbury Bells, Centaurea, X Coreopsis, X Cineraria, Early Cosmos, X Delphinium, X Digitalis, X Forget-Me-Not, X Gaillardia, Gypsophila, X Hollyhock, French Marigold, Nasturtium, X Pansy, X Pentstemon, X Perennial Poppies, X Phlox, Phlox, X Shasta Daisy, X Stocks, Salpiglossis, Winter Flowering Sweet Peas, X Verbena, X Viola, X Wallflower, Zinnia.
Bulbs—Calla, Freesia, German Iris, Ornithogalum, Oxalis, Ranunculus.

SEPTEMBER

Seeds—X Aquilegia, X Antirrhinum, Bartonla, Calendula, X Canterbury Bells, X Carnation, Centaurea, X Cineraria, X Coreopsis, Early Cosmos, X Daisies, X Delphinium, X Digitalis, Dimorphotheca, X Forget-Me-Not, X Gaillardia, X Geum, Gypsophila, X Hollyhock, Larkspur, Linum, French Marigold, Nasturtium, X Nemesis, X Pansy, X Pentstemon, X Petunia, X Phlox, All Poppies, X Pyrethrum, Salpiglossis, X Scabiosa, X Stocks, Winter Sweet Peas, X Verbena, X Viola, X Wallflower, Wildflower Mixture.
Bulbs—Allium, Anemone, Baby Glads, Calla, Dutch and German Iris, Freesia, Lillium Candidum, Ornithogalum, Oxalis, Ranunculus, and Watsonia.

OCTOBER AND NOVEMBER

Seeds—Acroclinium, Alyssum, X Aquilegia, X Antirrhinum, Bartonla, California Poppy, Calendula, Candytuft, X Canterbury Bells, X Carnation, Centaurea, Clarkia, X Coreopsis, X Double Daisy, X Delphinium, X Digitalis, X Dimorphotheca, X Forget-Me-Not, X Gaillardia, X Gerbera, X Geum, Godetia, Gypsophila, X Hollyhock, Larkspur, Linum, Lupin, French Marigolds, Mignonette, Nemesis, Nemophila, Nigella, Painted Daisy, X Pansy, X Pentstemon, X Petunia, X Phlox, All Poppies, X Pyrethrum, Ranunculus, X Scabiosa, Schizanthus, X Shasta Daisy, X Stocks, Winter Flowering Sweet Peas, X Sweet William, X Wallflower, X Verbena, X Viola, Lawn Grasses.
Bulbs—Anemones, Amaryllis, Baby Glads, Callas, Crocus, Dutch and German Iris, Freesia, Hyacinths, Easter Lilies, Ixias, Narcissus, Native California Bulbs, Oxalis, Ranunculus, Sparaxis, Tulips, Watsonias.

DECEMBER

Seeds—Acroclinium, Alyssum, X Aquilegia, X Antirrhinum, Bartonla, Calendula, Calliopsis, Candytuft, Clarkia, Annual Chrysanthemums, California Poppy, Dianthus, X Larkspur, Lupin, Mignonette, Nemesis, Nigella, X Pansy, X Phlox, Poppies, Schizanthus, Standard Sweet Peas, X Stocks, Lawn Grasses.
Bulbs—Amaryllis, Callas, Gladiolus, Hyacinths, Lilies, Narcissus, Ranunculus, and Tulips.

GERMAIN'S *New* SPECIALTIES

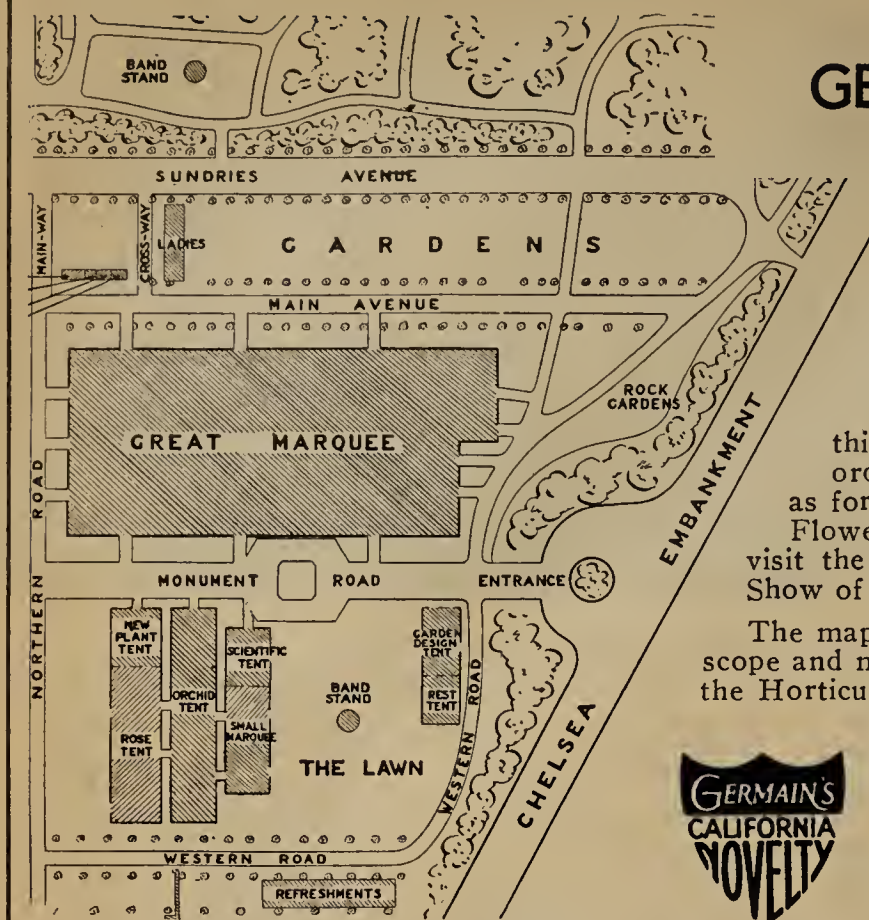
AND NOVELTIES FOR 1936

In this section of our catalogue and in the twenty pages illustrated in color we are presenting an unusually large and interesting collection of splendid novelties.

The great interest which our customers have shown in new things for the garden has encouraged us to redouble our efforts in order to secure for them the cream of the new American as well as foreign introductions. It is for this reason that the manager of our Flower Seed Department made a special trip to Europe this spring to visit the famous flower shows of the Old World, especially the Spring Show of the Royal Horticultural Society at Chelsea, in London.

The map on the left shows a plan of "Chelsea" and gives an idea of the scope and magnitude of this great show, the most important annual event in the Horticultural World.

We sincerely hope that our increased endeavors, reflected in our novelty offers for 1936, will bring renewed interest and greater satisfaction to all our customers.



New PETUNIA Gold Medal

• FLAMING VELVET



Petunia Flaming Velvet holds the distinction of being the Gold Medal winner of this year's All American Selections. Here at last we have that long sought for color in petunias, a deep and vivid red unspoiled by any touch of purple. The new variety is well named for the petals in their brilliancy and velvety texture bring to mind the glowing softness of Flaming Velvet. The plants are of good uniform bedding habit, completely covering themselves with large, well rounded flowers and the richness of the new color insures a permanent place for Flaming Velvet among our most popular bedding petunias.

Per Packet 25c; 5 Pkts. for \$1.00

New GODETIA Cut-Flower Strain

SUPERB SINGLE MIXED



Nothing more dainty can be imagined than the satiny lustre of these new Godetia flowers. The delicate petals and bright shades resemble those of the Azalea, yet in spite of their apparent airy texture they are very resistant, holding up splendidly after cutting. Their popularity with commercial growers of cut flowers has been immediate, a short trial having convinced them that they are one of the most beautiful as well as one of the most practical cut flowers introduced in years. And they are even more useful in the garden, doing well in almost any soil or location and giving fine results in soils so poor as to be practically useless for any other type of flower. Be sure to include them in your garden, you will be more than pleased.

Per Packet 15c; 1/4 oz. 50c

Petunia Flaming Velvet



Godetia Cut-Flower Strain



GERMAIN'S ALL AMERICAN AND CALIFORNIA NOVELTY COLLECTION

Petunia Flaming Velvet, Nasturtium Double Gem Mixed, Marigold Dixie Sunshine, Petunia Rose Gem, Aster El Monte, Zinnia Midgets Mixed, Venidium New Shades Mixed, Godetia Superb Single Mixed, Snapdragon Giant Maximum Mixed, Pentstemon Miniature Hybrids Mixed, Sweet Peas New Shades Mixed, Zinnia Crown O'Gold. The 12 outstanding novelties for 1935.

Value \$2.60—Complete for \$2.25 postpaid

SOUTHERN CALIFORNIA'S NATURAL GARDEN SPOT: **DEL MAR** "The Charm of the English Countryside"

En route to San Diego's Exposition, the flower lover finds at Oceanside and Carlsbad, a vast sweep of fragrant fields, Nature's contribution to the bulb-growers' efforts. Driving on, through South Coast Park to Del Mar, the motorist comes to Hotel Del Mar and English Cottages set in a veritable array of gorgeous flower beds in its semi-tropical gardens which

presents the most beautiful exhibit of selections and colors. Many a visitor has enjoyed the restfulness of the spacious lawns, the varieties of well-cared-for flowers and trees which surround this Resort Hotel overlooking the broad Pacific. Each table of its dining room symbolizes with a bouquet, Hotel Del Mar's charm and loveliness.


THE GARDENS AT HOTEL DEL MAR

All the lovely flower displays at Hotel Del Mar are grown from seeds and plants obtained from Germain's. From the semi-tropical and exotic specimens, Bird of Paradise, Epidendrums, etc., that grace the spacious grounds to the Old English Brompton Stocks, the Cinerarias that cause visitors to marvel, the Tuberous Begonias grown to monstrous size by their expert gardeners, and the wealth of annual perennial and bulbous flowers that brings to "California's Garden Spot" the charm of English gardens, are the product of plant materials supplied by us. A partial view of the grounds is portrayed on the cover of this catalogue. We are justly proud of the splendid showing our products have made under the able care they have received at Hotel Del Mar.



New VENIDIUM *Fastuosum* Hybrids


NEW SHADES MIXED

 These new hybrid forms of the South African Monarch of the Veldt give every promise of becoming most popular with garden makers as well as for cut flower purposes. The Hybrids are of improved habit and stand extreme heat better than the original form. They are free flowering, two to three feet tall and bloom over a long period. The color range is varied and very interesting—apricot shades, creamy white, pure white, canary yellow, gold and the well-known vivid orange. A plant well adapted to any sunny clime and which is decidedly new and different.

Per Packet 25c; 5 Pkts. for \$1.00

New NASTURTIUM *Dwarf Double*

GOLDEN GLOBE AND DOUBLE GEM MIXED

 Our Gem Mixture, composed of an evenly balanced range of cheerful colors on dwarf, compact gem-like plants, is the ideal annual for border and edging use. The plants are truly dwarf and compact, totally without runners, and hold their compact form even in rainy climates where they will be a boon to garden makers. At the California International Exposition in San Diego, where we exhibited them, they made a big hit with all visitors. The good sized sweet scented double flowers gaily cover the little plants in an excellent color range which includes shades of yellow, orange, scarlet, crimson, salmon, cerise, cream, maroon and spotted varieties. While a majority of the plants have light foliage there are many dark foliage plants as well.

Per Pkt. 25c; 5 Pkts. for \$1.00



Venidium Hybrids



Nasturtium
Double Gem

GERMAIN'S

ALL AMERICAN NOVELTIES

Featured in Color Section

The following All American and California Novelty Flower Seeds are pictured and fully described on color pages B and C.

New Marigold—Dixie Sunshine.....	1/8 oz. 50c; Pkt. 25c
New Petunia—Rose Gem.....	Pkt. 25c
New Aster—El Monte.....	Pkt. 25c
New Snapdragon—Rust Proof Maximum Mixed....	Pkt. 25c

GERMAIN'S *New* SPECIALTIES

New PENTSTEMON *Cut-Flower Strain*

MINIATURE HYBRIDS MIXED



Because of its long and continuous flowering habit the Pentstemon has long been one of the most popular flowers in our gardens. The New Miniature Hybrids are splendid for this purpose, lending themselves to bedding and border use, where their uniform growth and variety of colors make a wonderful display. It is, however, in the way they retain their flowers after cutting that they are far superior to all former types, making their tall, graceful spikes closely set with brilliant, tubular flowers most useful and attractive for cut-flower decoration in the home.

Per Packet 15c; $\frac{1}{8}$ oz. \$1.00

New ZINNIA *Double Miniature*

MIDGET MIXED



These tiny flowered Zinnias have a charm the larger ones can never attain. The smaller flowers lend themselves to bedding and make a brilliant display, owing to their abundance of bloom, and have stems long enough to make fine bouquets for small vases and bowls. Germain's Midget Zinnias contain many small flowered varieties with pointed petals and double or semi-double flowers in attractive color combinations, such as red tipped gold, salmon and gold, primrose yellow with a hundred unusual intermediate shades.

Per Packet 15c; $\frac{1}{8}$ oz. 40c

New ZINNIA *Mammoth*

CROWN O' GOLD MIXED



This, to us, is the most artistic of all the mammoth flowered Zinnias. The novel bicolor effect has delighted all who have seen it. Each flower is in fact two-toned, the base of each petal being marked with a heightened or deeper shade than the flower itself. This contrast lends greater richness and variety to the splendid range of colors in the strain. The flowers are large, double, and well formed, on good cutting stems generously produced on plants which reach a height of $2\frac{1}{2}$ to 3 feet. For a richer zinnia border plant Crown O'Gold Zinnias.

Per Packet 20c; $\frac{1}{8}$ oz. 50c

New COSMOS *ORANGE FLARE*

EARLY FLOWERING KLONDYKE



Trials of this new Cosmos in Eastern States have caused a world of enthusiastic comment. The fact that Orange Flare is in full bloom less than four months after the time it is planted has brought an entirely new flower to the gardens of America, for the original type (Klondyke) produced its flowers so late in the fall that it was seldom seen except in the most southernly part of our country.

The orange color in Orange Flare is exceptionally fine; exactly the shade of a ripe orange.

The bush is more compact than formerly and the large flowers mounted on long wiry stems are well adapted for cutting. We feel definitely that a beautiful and valuable new member has been added to the already very popular Cosmos family.

Per Packet 25c; $\frac{1}{8}$ oz. 50c



Pentstemon Miniature Hybrids



Zinnia Midget Mixed



Zinnia
Crown
O'Gold



Cosmos
Orange
Flare

AND NOVELTIES FOR 1936

New SWEET PEAS *Early Flowering*

NEW SHADES MIXED



This package contains only seeds of the very finest among the new varieties recently introduced and is carefully blended to give a harmonious color range, containing no harsh or discordant colors. While rich in soft, pastel shades it contains also brilliant colors in sufficient quantity to give tone and contrast to the assortment. Special effort has been made to retain all the sweetness of the old Sweet Pea fragrance, making this the most colorful and most sweetly scented Sweet Pea mixture we have ever offered.

Per Packet 20c; oz. 75c

New GIANT PANSY *Super Swiss*

BRILLIANT MIXTURE



In the growing of really fine giant pansies a true gardener can show his handiwork better than could be demonstrated in almost any other way. It is a sportsman's flower, so accurately does it reflect the degree of skill used in its culture. And the first concern of those in the "know" is to secure the very best in the way of seed to start with. If you really like pansies and pride yourself on your ability to grow them well, then you will not be disappointed in this strain of super Swiss Giants. In rich compost and with careful watering these pansies expand to enormous size. The colors, too, are more brilliant and varied than found in any other strain. The blues and reds and variously faced and blotched flowers are especially abundant.

Per Packet 35c; 3 Pkts. for \$1.00

New NASTURTIUM *Sweet Scented*

DOUBLE ORANGE GLEAM

(Note—Double Scarlet Gleam offered on color page C)



We consider this the finest Gleam Nasturtium since the original Golden Gleam. Deep glowing orange with deeper center, flowers uniformly double and sweet scented.

Per Packet 25c; 5 Pkts. for \$1.00

New MARIGOLD *French*

DWARF DOUBLE HARMONY



While the name "Harmony" is well applied to this charming novelty it might just as correctly have been named "Contrast." It presents in fact a scabious-like center of rich orange yellow, surrounded by a collar of broad maroon-brown petals, in complete contrast with the central crest yet harmonizing perfectly. The plants are of good habit, growing to medium height and continue in bloom until well in the fall. A really outstanding introduction which we recommend with all confidence.

Per Packet 25c; 5 Pkts. for \$1.00

New POPPY *Double Shirley*

SWEET BRIAR



Due to their delicate, crepe tissue paper like appearance, these lovely pink shades of poppies are almost artificial looking, with such ease has nature unfolded her beauty in the frilled petals of this lovely flower.

This new variety lends itself beautifully to flower arrangements, and gives perfect satisfaction in the garden.

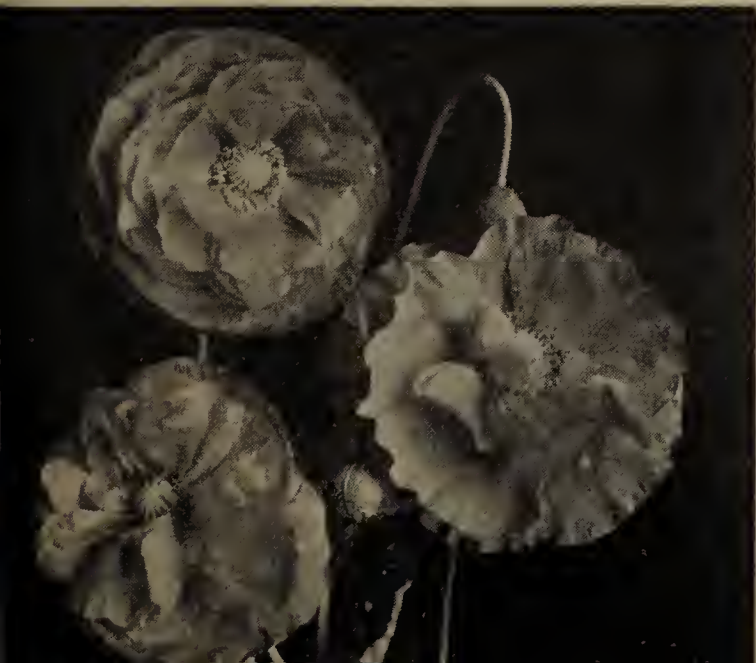
Per Pkt. 25c; 1/2 oz. 75c



Sweet Pea New Shades



Pansy Super Swiss



Poppy
Double
Sweet Briar



Marigold
Double
Harmony

GERMAIN'S *New* SPECIALTIES

New ZINNIA *Scabiosa Flowered* MIXED



Recently brought from Europe, we believe this new type of cut-flower Zinnia will gain popularity in America as fast as it has already done in the old world. The flowers are composed of a broad disc of flat petals crowned by a raised pompon-like crest of quilled petals in the center and resembling the form of the Scabiosa. The range of colors is very good including brilliant reds, orange, yellow, pink, and white. They are a striking feature in any garden and provide a wealth of artistic cut flower material.

Per packet 15c; $\frac{1}{8}$ oz. 50c

New ASTER *Los Angeles* SUPER GIANT



This giant sized Aster has been so magnificently developed that it hardly seems possible to improve upon it. The blooms range up to seven and eight inches in diameter and are a veritable overflow of pure shell pink petals, which curl and intertwine in artistic fashion, producing a feathery effect.

Per pkt. 25c; $\frac{1}{4}$ oz. \$1.50

New CALENDULA *Chrysantha* CHRYSANTHEMUM FLOWERED



To justly appreciate the Calendula Chrysantha, one must not class it as an ordinary type. The name Calendula Chrysantha is well adapted to this large flower, of a cheerful, exquisite shade of buttercup yellow, and it is an outstanding addition to the horticultural world. The loosely arranged petals droop to give the lovely rounded and graceful appearance found in our favorite chrysanthemums. Its strong, stiff stems make the blooms well fitted for cutting, and combine beautifully with bachelor buttons or blue delphinium, etc.

Per Pkt. 15c; $\frac{1}{4}$ oz. 35c

New PHLOX *Gigantea* BRIGHT SHADES MIXED



Exceptionally large size and a definitely new trend in color tones are the two most striking features in this splendid new strain. The individual flowers are fully twice the size of the ordinary Annual Phlox; the increase being so marked as to give the flowers a distinctly new appearance.

Packet 25c; 5 pkts. \$1.00

New SCABIOSA *Giant Hybrid Mixed*



Grandmother's old favorite, the pin cushion flower, gone modern. Great $2\frac{1}{2}$ inch flowers almost completely round and double. In a range of color, including white, flesh, rose in various light and dark shades, cerise, scarlet, blue, as well as intermediate shades ranging all the way down to the well-known purple black. A good cut flower and excellent for planting in the border.

Per Pkt. 25c; $\frac{1}{8}$ oz. 90c



Zinnia Scabiosa Flowered



Aster Los Angeles

Calendula
Chrysantha

New
Giant
Phlox



AND NOVELTIES FOR 1936

New ASTER *Golden Sheaf*

AURORA WILT-RESISTANT



This beautiful new Aster is the deepest yellow Aster so far produced. It is of unusual interest as it adds a new color, which has long been sought, in this popular class of flowers. Golden Sheaf belongs to the Aurora type so much in demand by the florist. The flowers are fully double, with an attractive crest-like center and reach a height of 2 feet. The plants are wilt resistant, and make a fine display through the summer and fall. It is the first good yellow Aster that has come our way and should find a place in every garden.

Per Packet 25c; 5 Pkts. for \$1.00

New MARIGOLD *French*

MONARCH STRAIN



The New Monarch Strain of French Marigolds is an outstanding advance over all previously existing types and will gain many friends for this sturdy denizen of our gardens.

There is not a more colorful or a more useful flower for California as it withstands our winter climate and thrives through our warmest summer days. The Monarch Strain makes a sturdy compact growth and produces constantly its large, tightly double flowers, in a wide color range, including combinations of orange, bronze, yellow, and mahogany. Excellent for bedding, borders, and cutting.

Per packet 15c; 1/2 oz. 75c

New MARIGOLD *Scotch Striped*

EXHIBITION MIXED



An artist's flower, with stripes, flecks, blotches and markings so odd that we are tempted to believe them the work of the painter's brush. Developed from an old Scotch Marigold this exhibition strain brings back to modern gardens a flower which enjoyed a great vogue many years ago.

Per packet 25c; 1/4 oz. 50c

New SNAPDRAGON *Rust Proof*

MAXIMUM SEPARATE SHADES



These new Rust Proof varieties are even more vigorous and more heavily branched than the regular Maximum varieties and continue in bloom throughout the summer.

Alaska. Pure White

Canary Bird. Yellow

Campfire. Bright scarlet

Exquisite. Rich rose

Loveliness. Soft pink

Copper Shades. Copper & orange

Maximum Rust Proof Mixed (illustrated on color page B)

Per Packet 25c; 5 Pkts. for \$1.00



Aster, Golden Sheaf



Marigold Monarch Strain



Marigold
Scotch
Striped



Scabiosa,
Giant
Hybrid

Germain's Sweet Peas



EXPOSITION PINK

WONDER COLLECTION

Giant Early or Winter Spencer Sweet Peas. Six full-sized packets in choicest shades and one package of plant food tablets (a 75c value) for.....50c

FASCINATION



● The world's finest Sweet Pea seed comes from California. We are proud of the fact that we were one of the first seedmen in the world to realize that California was destined to become the growing center for seed of this very popular flower.

Germain's Sweet Peas are nationally famous. Year after year, by careful selection and painstaking effort, we have aimed to grow Sweet Pea seed that will produce flowers that are true to name, unexcelled in the beauty of their shades and the magnificence of their flowers. At Germain's seed farms, the aim is always to produce "California's Best."

THREE GRAND WINTER SPENCERS

Annie Laurie. Probably the richest tone of pure rose pink introduced up to this time; long stems with four flowers to a stem and very free flowering. Pkt. 20c.

Fragrance. New mammoth lavender, carrying fours on long, stout stems. A splendid clear shade of lavender and exquisitely fragrant. Pkt. 25c.

Red Cross. Glowing poppy scarlet. A fine red of the shade so much used at Christmas time. Pkt. 20c.

Collection. One packet each of the three grand winter Spencers—50c.

GERMAIN'S "AMERICAN BEAUTIES"

TWELVE GIANT EARLY OR WINTER SPENCER SWEET PEAS

- 4202 Amethyst. Royal purple of large size and perfect form.
- 4208 Blue Bird. Rich deep blue or purple. Fine clear shade.
- 4219 Cream. Pleasing creamy yellow. Very free flowering.
- 4235 Harmony. A lovely clear lavender. Large, and long stems.
- 4223 Embers. One of the newer shades. bright orange salmon.
- 4239 Illumination. A leading red variety, rich cerise in tone.
- 4255 Radiant. Bright salmon rose. A very attractive variety.
- 4237 Hercules. Strong growing mammoth rose. One of the best.
- 4256 Othello. A deep, rich shade of velvety maroon.
- 4261 Santa Barbara. Mammoth deep orange. Long stems.
- 4266 The Beauty. Dark fiery rose. A splendid sort.
- 4277 White Harmony. Lovely ruffled pure white. Large, long stems.

Price: Any of the above per pkt. 10c; oz. 60c; 1/4 lb. \$2.00.

COLLECTION OFFER

One packet each of the twelve

"AMERICAN BEAUTIES" for

85c

"DOLLAR COLLECTION" OF GIANT SPENCER SWEET PEAS

Twelve beautiful summer flowering Spencers; Asta Ohn, Blanche Ferry, Countess Spencer, Pirate Gold, Hercules, King Edward, Mary Pickford, Othello, Dobbie's Cream, Tangerine, Mrs. Tom Jones, King White. Price \$1.00.

Germain's Early Flowering or Winter Sweet Peas

BICOLOR

- 4218 Columbia. Wavy pink and white.

PINK AND ROSE SHADES

- 4197 American Beauty. Crimson rose.
- 4206 Apollo. Soft salmon and cerise pink. A lovely flower.
- 4216 Chevalier. Glowing deep rose color. Large and long stemmed.
- 4228 Fascination. Salmon rose pink.
- 4225 Fair Maid. Delightful shade of delicate blush pink.
- 4240 Jeanne Mamitsch. A grand deep pink variety.
- 4247 Miss Louise Gude. A lovely variety of brilliant pink.
- 4245 Laddie. Largest rose pink.
- 4175 Perfection. Deep rose, one of the best in this shade.
- 4258 Rose Charm. Bright rose, beautiful large well shaped flowers.
- 4276 Zvolanek's Rose. Excellent rose pink. A favorite variety.
- 4278 Spring Song. Salmon pink on cream. Large flower. Charming shade.

LAVENDER

- 4204 Asta Ohn. Lavender. Delicately tinted mauve.
- 4264 Starlight. Pale clear bluish lavender.
- 4265 Sweet Lavender. True lavender, large size.
- 4236 Greeting. Large lavender, long stem.

BLUE

- 4198 Ball's Blue. A fine medium blue.

ORANGE

- 4214 Burpee's Orange. An orange color in all its purity and richness.
- 4224 Eldorado. One of the best salmon orange shades.
- 4238 Helen Lewis. Not new but always popular; rich rosy salmon.
- 4251 Mrs. Kerr. Exquisite salmon shade; best if slightly shaded.

CRIMSON

- 4205 Aviator. A rich dazzling crimson. Large, free flowering.
- 4229 Glitters. Glittering cerise. Bright and cheerful; a fine variety.
- 4233 Grenadier. A rich scarlet-red, bright and vivid.
- 4270 Vulcan. Rich scarlet red.

PICOTEE

- 4211 Blue Picotee. White daintily edged with bright blue.

CREAM

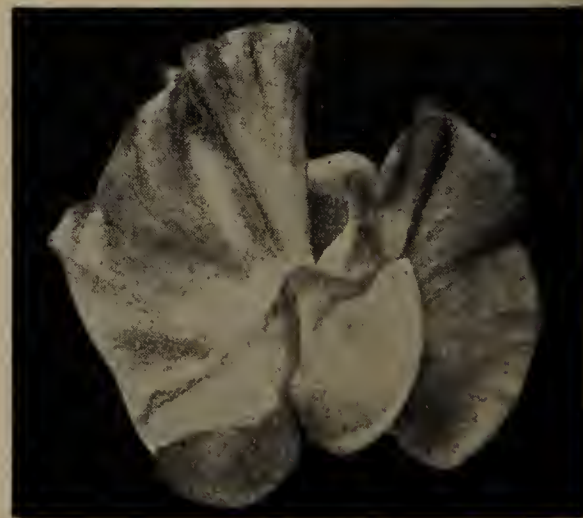
- 4217 Canary Bird. A superb Sweet Pea. A rich deep cream color.

WHITE

- 4241 Hope. Extra large, black seeded white.
 - 4278 Zvolanek's White Rose. Good long stemmed white.
- Price: Any of the above per pkt. 15c; 1/2 oz. 35c; oz. 70c; 1/4 lb. \$2.25.

WINTER SPENCER MIXED

- 4279 Germain's Early or Winter Spencer Mixed.
- Price: per Pkt. 10c; 1/2 oz. 20c; oz. 40c; 1/4 lb. \$1.20; lb. \$4.50.



Are Nationally Famous



This Sweet Pea which we consider one of the most beautiful we have ever offered, was obtained through a cross between Pinkie and Lady Gay. It has inherited blooms with the size and richness of color in Pinkie, plus the dainty frilled and fluted flowers of Lady Gay. The color is softer and more beautiful than Pinkie. The flowers are the largest we have ever seen on any Sweet Pea and it has long stems with four blooms on each stem. Very early blooming and fragrant.

Per Pkt., 35c; 3 Pkts. for \$1.00.

NEW SPENCER SWEET PEA CHINESE BLUE

Chinese Blue is a solid blue, richer and deeper than Blue Bonnet or Marine. The color is solid without the objectionable fading out on the edges as in Marine and to a lesser extent in Blue Bonnet. Young buds, standard and wings are all one solid rich deep blue. The stems are longer than those of Reflection and bear fours throughout. It has strong, vigorous plants with a blooming season which is longer than that of the average Sweet Pea.

Per Pkt. 25c;
5 Pkts for \$1.00

Los Angeles Exposition
Collection.....

\$1.00

(Described on color page D)

DUPLIX SWEET PEAS

The Duplex Sweet Peas have a duplicate set of petals, making them appear double.

1220 Duplex Gem. Double soft rose.

1221 Duplex Pioneer. Double rose pink.

Price: Per pkt. 15c; oz. 70c.

Gardening Hint

Inoculate Sweet Peas With

NITRAGIN

The Original Soil Inoculator

Sweet peas are legumes—they need the nitrogen gathering legume germs. Few soils contain a natural supply. It is therefore necessary to inoculate. Nitragin hastens nativity, increases yield, produces better lowers, adds fertility to the soil.

Directions on every package.

Garden Size, enough to inoculate from 1 oz. to 8 lbs. of seed.....25c



Spencer Sweet Peas

GIANT SPRING AND SUMMER
FLOWERING VARIETIES

BICOLOR

4287 Blanche Ferry. Select, bright rose and white.

ROSE AND PINK

4293 Countess Spencer. Light Pink, darker towards edges.

4299 Elegance. Exquisite delicate blush pink.

4312 Hawlmark Pink. Deep salmon pink.

4310 Hawlmark Salmon. Salmon and pink.

4313 Hebe. Large bright pink. A rich clear color. Long stemmed.

4316 Hercules. Immense flower, long stems and a beautiful, rich clear rose color.

4314 Helen Lewis. Bright rosy salmon.

4332 Miss California. Rich, beautiful, salmon cream pink.

4330 Mary Pickford. Large, wavy, perfectly formed flowers of dainty cream pink. A recent introduction of great merit.

4342 Pinkie. Large rose-pink, very floriferous and long stemmed.

4350 Rosie. Rose pink, deeper than any of the standard rose-pink varieties.

LAVENDER

4282 Asta Ohn. Lavender, tinted mauve. Very free flowering.

4344 Powers Court. A very beautiful lavender.

4281 Ambition. Rosy lavender.

4309 Gleneagles. Clear even lavender or light blue, very large.

BLUE

4337 Mrs. Tom Jones. Bright delphinium blue. Good clear color.

4288 Blue Monarch. Deep navy blue.

4301 Fortune. Rich dark blue.

ORANGE

4361 Tangerine. The last word in orange-colored sweet peas.

4347 Pirate Gold. Golden orange.

SCARLET AND CRIMSON

4285 Crimson King. Deep crimson, vigorous, long stemmed.

4395 Defiance. A new scarlet, large, vigorous, absolutely burnless.

4303 Fiery Cross. A scorching fiery red color, exquisitely waved.

4321 Illuminator. A glowing cerise-salmon with an indication of bright orange, which glistens in the sunlight.

4323 King Edward. Crimson scarlet. An excellent red.

4334 Mrs. A. Searles. Pink to orient red.

4352 Royal Scot. A scarlet of exceptional brilliancy.

4362 The Cardinal. Scarlet.

4363 Welcome. Dazzling scarlet.

PURPLE

4351 Royal Purple. A beautiful royal purple. A rich shade.

MAROON

4343 Othello. Rich, deep maroon. Extremely dark.

4364 Warrior. Bronzy maroon.

CREAM

4296 Dobbie's Cream. Fine deep cream color.

4368 What Joy. Cream yellow.

WHITE

4286 Avalanch. White seeded.

4325 King White. The best Spencer White ever produced.

Any of the above 10c per packet;
40c per ounce

SUMMER SPENCER MIXED

4370 Choice Spencer Mixed. A carefully blended mixture containing an unusually wide range of beautiful colors. Per pkt., 10c; oz., 30c; 1/4 lb., 90c; lb., \$3.00.



SHIRLEY TEMPLE

THE "SUNSET COLLECTION"

An excellent assortment containing six fine varieties, namely: Asta Ohn, lavender; Hercules, rose-pink; Illuminator, cerise; Primrose Spencer, yellow; Royal Purple and White Spencer. Price 50c.

CHINESE BLUE



FOR THE ROCK GARDEN

IT WAS considered that rock gardening could be practiced only on large grounds; in later days, however, the small rock garden has become increasingly popular both in England and America. One reason for this popularity is the opportunity it affords to grow a great variety of plants—perennials, bulbs, annuals and even small shrubs—in a small space and, with a few of each, to create a beautiful picture.

For the small rock garden, either the rocky slope coming down in broken terraces to a bordering path, or the ravine are recommended. In the latter, the path runs through the garden, both sides sloping irregularly upward. These rising sides being further emphasized by a background planting of tall perennials and shrubs. Where uneven or sloping ground exists, this should be chosen. If the garden is level, excavation may be made for a roughly outlined pool and the soil used to build up a few gentle slopes. Or the pool may be dispensed with and a sunken path take its place, as above stated.

Rock plants in general and particularly alpine, like porous gritty soil and a cool root run. On level ground especially, it is necessary to place drainage beneath the garden soil and in heavy soils a layer 18 inches thick is not too much. Old bricks, mortar, gravel or rock, use whatever is at hand. Above this place a foot of sandy loam with some stone chips or gravel mixed in.

In placing the rocks, try to simulate a natural out-cropping. Place them on their broadest side and sink them well into the ground.

Most important in placing the stones is to make them slope inward so that falling water will be carried down to the roots of the plants. Arrange little bays and promontories and sweeping curves rather than straight lines.

Exposure is not very important as success may be gained facing in any direction providing the proper subjects are used. Facing west or south use more sun loving plants, facing east or north, rather the real alpine.

PERENNIAL FLOWER SEEDS FOR ROCK GARDENS

Achillea.....	18 in.	White-rose
Agrostemma.....	1-2 ft.	Pink
Alyssum.....	10 in.	Yellow
Aquilegia.....	2-3 ft.	Various
Arabis.....	12 in.	White
Armeria.....	8 in.	Pink
Aubretia.....	8 in.	Various
Bellis.....	6 in.	Rose-white
Campanula.....	1-2 ft.	Blue-white
Cerastium.....	12 in.	White
Cheiranthus.....		
Allioni.....	12 in.	Orange
Delphinium.....		
Chinensis.....	18 in.	Blue-white
Dianthus.....	15 in.	Various
Erigeron.....	1-2 ft.	Lavender
Euphorbia.....	18 in.	Foliage
Gentiana.....	6 in.	Blue
Geum.....	18 in.	Orange
Helianthemum.....	12 in.	Pink
Heuchera.....	15 in.	Pink
Iberis.....	12 in.	White-pink
Linum.....	12 in.	Various
Nepeta.....	12 in.	Blue
Oenothera.....	18 in.	Yellow
Pentstemon.....	18 in.	Various
Platycodon.....	18 in.	Blue-white
Polyanthus.....	12 in.	Red-yellow
Poppy Iceland.....	15 in.	Various
Primula.....	12 in.	Lavender-pink
Saponaria.....	12 in.	Pink
Shasta Daisy.....	15 in.	White
Silene.....	8 in.	Pink
Stachys.....	18 in.	Silver-leaved
Statice Latifolia.....	2 ft.	Lavender
Verbena Erinoides.....	8 in.	Purple
Verbena Venosa.....	8 in.	Lilac
Viola.....	6-8 in.	Various

ANNUAL FLOWER SEEDS FOR ROCK GARDENS

Abronia.....	10 in.	Rose
Alyssum.....	4-8 in.	White-lilac

Anagallis.....	10 in.	Blue-orange
Cynoglossum.....	18 in.	Blue
Dianthus.....	12 in.	Various
Dimorphotheca.....	15 in.	Yellow Orange
Gillia.....	1 ft.	Various
Glaucium.....	2 ft.	Orange
Leptosyne.....	18 in.	Yellow
Linaria.....	10 in.	Various
Lobelia.....	4-6 in.	Blue-white
Nemesia.....	10 in.	Various
Nemophila.....	8 in.	Blue
Petunia.....	8-18 in.	Various
Sanvitalia.....	6 in.	Yellow
Thunbergia.....	Vine	Various
Virginia Stock.....	10 in.	Various
Zinnia Haageana.....	12 in.	Various
Zinnia Tom Thumb.....	6 in.	Various



ROCK GARDEN COLLECTION A

Annual Flower Seeds

Abronia, Alyssum Carpet of Snow, Cynoglossum Blue, Dianthus Annual Mixed, Dimorphotheca Mixed, Lobelia Blue, Nemesia Mixed, Petunia Rosy Morn, Sanvitalia, Virginia Stock.

One packet of 10 selected easily grown rock garden annuals, complete for 75c postpaid.

ROCK GARDEN COLLECTION B

Perennial Flower Seeds

Achillea The Pearl, Alyssum Saxatile, Aquilegia, Armeria, Aubretia, Campanula Carpatica, Cerastium, Dianthus Rock Garden Mixed, Geum Orange, Heuchera Mixed, Linum Flavum, Pentstemon, Polyanthus, Verbena Erinoides.

One packet each of 14 choice rock garden perennials, complete for \$1.00 postpaid.

FLOWERING PLANTS FOR GARDENS BY THE SEA

Abronia	Coreopsis	Convolvulus	Hibiscus	Marvel of Peru	Salvia Leucantha
Armeria		Mauritanicus	Lavatera	Mesembryanthemum	Statice
Calendula	Chrysanthemum frutescens	Helianthemum	Leptosyne	Petunias	Verbena Erinoides
Calliopsis			Marigolds		Verbena

Special SANTA MARIA INN Flower Seed Collection

No one can fail to admire the charm and beauty of the flower displays at Santa Maria Inn. Not only in the gardens where they are always present in quantities, but also everywhere through the buildings, the flower arrangements are exquisite.

Deftness in blending colors is an art which everyone with a love for flowers should strive to master. The lighter tints harmonize quite readily, the stronger tones are harder to handle. With these it is safest to use white or a direct contrast. As for instance, deep purple and gold, blue and yellow, etc.

To secure the proper varieties is, of course, the first step to success. This collection offers a selection of the choicest flowers used with such telling effect at the Inn and will bring to your garden a share of the exquisite beauty by which all its visitors are so vividly impressed.

Anagallis, bright blue.....	\$.10	Centaurea Imperialis, white.....	10	Poppy, Sweet Briar.....	.10
Aster Sunshine, Mixed.....	.15	Dianthus Laciniatus, mixed.....	.10	Salpiglossis, mixed.....	.10
Aquilegia, Long Spur, Mixed.....	.20	Didiscus, blue lace flower.....	.10	Scabiosa Columbaria, pink.....	.15
Calliopsis, Golden Wave.....	.10	Godetia, Duke of York.....	.10	Scabiosa Shasta, white.....	.10
Candytuft, rose cardinal.....	.10	Hunnemannia, yellow.....	.10	Zinnia Lilliput, mixed.....	.15
Candytuft, Albida, white.....	.10	Marigold, Guinea Gold.....	.20		
		Phlox Drummondii, mixed.....	.10		

Regular Value.....\$2.15

18 Selected Varieties (a regular \$2.15 value) postpaid for \$1.50.

GERMAIN'S *Premium* FLOWER SEEDS



Best For American Gardens

IN CALIFORNIA where flowers reach the height of floral perfection, Germain's flower seeds are preferred by the professional gardener and home owner.

Favored by ideal climatic conditions in the growing, maturing and harvesting of seeds, California produces over 90% of the flower seeds grown in America. From this vantage point Germain's sends annually to all parts of the United States and many foreign countries throughout the world, large quantities of the highest quality flower seeds procurable anywhere.

Since its foundation in 1871, this firm has been closely associated with the development of the seed industry in California and was one of the first to realize the exceptional advantages of soil and climate possessed by our state in the production of superior strains and finer quality seeds. Our flower seeds are grown under the most favorable conditions and are checked in the growing fields with the utmost care—you may plant with safety any seeds you purchase from Germain's.

May we call your attention also to the novelties and specialties

described on the preceding eight pages. Especial care is taken in selecting each variety included in our novelty section, and no variety which is not a definite improvement over existing sorts, or a new flower of real worth, is permitted to appear on these pages.

In our floral work shops, expert plant breeders continually carry on the work of hybridization and selection which is needed for the introduction of new and improved strains.

In our All-American and California Novelty collection we present many new flowers which it has taken many years to perfect and which we trust will meet with the appreciation they so richly deserve. But, whether interested in seeds of the newer flowers or the standard varieties contained in the following pages, Germain's seeds are grown and ripened in California, as only California sunshine can grow and ripen them.

For sturdier growth and more brilliant colors, plant GERMAIN'S SEEDS—they are

Best for American Gardens - - Everywhere



Antirrhinum—Snapdragon

ABRONIA

Ab-roh'-ni-a
(Sand Verbena)

2001 Umbellata. A low growing annual of trailing habit. The Verbena-like flowers are a pleasing delicate rose color. The plant is easily grown from seed planted in spring or fall and thrives very well in sandy places. 30c per ¼ oz., packet 10c.

ACHILLEA

2004 The Pearl. Hardy perennial. Will bloom first year from early sowings. Excellent cut flower and bouquet filler. Height 2 feet. Pkt. 25c.
2002 Kelwayl Rosea. A pretty rose colored variety. Pkt. 25c.

ADLUMIA

2011 Cirrhosa. Pretty climbing vine with feathery foliage and numerous tube shape, pretty flesh colored flowers. Packet 10c.



GIANT MAXIMUM SNAPDRAGONS

Antirrhinum (An-tir-ry'-num) Maximum

Fr. Muflier

Ger. Lowenmaul

Sp. Perritos

Gueule de loup

Conejitos

This wonderful new group of Giant Snapdragons far surpasses anything yet introduced. The flowers, closely placed on tall spikes, are of magnificent size—invaluable for garden decoration, they are also incomparable cut flowers of exceptional quality.

2075 Apple Blossom. Rosy pink.

2076 Cattleya. Lilac, creamy yellow tube.

2084 The Rose. Rich rose pink.

2082 Canary Bird. Canary yellow.

2087 Defiance. Bright scarlet.

2080 Gotelind. Pale orange, with lemon spot.

2085 Purple King. Deep garnet, dark stem.

2083 Snowflake. Pure white.

2090 Giant Choice Mixture. All colors.

Price: Any of the above, 15c per packet. Collection of six separate varieties, 75c.

LARGE FLOWERING SEMI-DWARF

Large flowers closely placed on medium sized stems make this strain especially valuable for bedding and as cut flowers.

2139 Cottage Maid. Delicate pink tinged salmon; white throat.

2142 Crimson King. Rich deep crimson.

2146 Defiance. Scarlet with Brilliant orange red suffusion.

2156 Golden Queen. Large golden yellow.

2165 Queen of the North. Pure white.

2152 Fawn. Terra cotta pink and yellow.

2154 Gloria. Rich deep rose.

2171 Silver Pink. Exquisite light pink; ideal.

2180 Large Flowering Semi Tall Mixed. ¼ oz. 40c.

Price: Any of the above, 10c per packet. Collection: 1 packet each of 8 colors, 70c.

LARGE FLOWERING TALL SORTS

A splendid strain producing large individual flowers on tall spikes 30 inches high.

2092 Defiance. Very tall vivid orange scarlet.

2109 Rose Queen. Luminous soft rose.

2104 Harmony. Terra Cotta orange shaded rose.

2091 Crimson King. Dark leaved, crimson.

2095 Cardinal. Dazzling scarlet.

2110 Pink Domino. Soft clear rose, white throat.

2119 Queen Victoria. Pure white, a beautiful variety.

2125 Golden King. Giant rich yellow.

2130 Finest Mixed. All colors.

Price: Any of the above sort 10c per packet; 30c per ¼ oz.

Rust-proof Snapdragons. See novelty section, pages 6 to 11.

ACONITUM

Ak-oh-ny'-tum

(Monk's Hood or Wolfsbane)

Fr. Aconit

Ger. Eisenhut

2003 Napellus. A hardy perennial valuable for planting among shrubs or in shady places and producing handsome spikes of deep blue flowers 3 or 4 feet tall. Packet 15c.

ADONIS

A-doh'-nis

Fr. Adonide

Ger. Adonisroschen

2013 Aestivalis (Flos Adonis). Pretty annual growing about 1 ft. in height and producing freely its showy crimson flowers with dark center. 30c per ½ oz., packet 10c.

FLUFFY AGERATUMS IDEAL FOR BORDERS

Ah-jer'-ah-tum or A-jer-ay'-tum
(Floss Flower)

Fr. Agerate

Ger. Leberbalsam

Sp. Agerato

Very attractive and popular annual border or bedding plants 9 to 12 inches in height. They are easily raised from seed started early in seed pans or boxes and later transplanted or they may be sown outdoors in spring. The plush-like flowers appear in dense clusters entirely covering the plants.

2024 Blue Cap (New). The lowest growing of all the Ageratums. Very compact and a profuse bloomer. Packet 20c.

2029 Purple Perfection. Deeper than Blue Perfection. Pkt. 15c, ½ oz. 35c.

2023 Blue Ball. Dwarf compact plant with mass of dark blue blooms. Pkt. 15c, ½ oz. 35c.

2027 Blue Perfection. A very fine bedding sort, compact and large flowered. Color a deep amethyst blue. Packet 10c.

2028 Little Dorrit. Very dwarf bushes not over 6 inches high densely covered with bright blue flowers. Packet 15c.

2025 Imperial Dwarf Blue. Clear blue, bushy and free flowering, 18 inches. Packet 10c.

2026 Imperial Dwarf White. Identical with the above except in color. Packet 10c.

2030 Imperial Dwarf Mixed. Shades of blue and pure white, 8 inches, 30c per ¼ oz. Packet 10c.



FRAGRANT ALYSSUMS HAVE MANY USES

Al-is'-sum

(Sweet Alyssum or Mad Wort)

Fr. Alysse

Ger. Steinkraut

Sp. Aliso Fragrante

Pretty, very sweetly scented, annual plants useful for borders, edging, window boxes, hanging baskets and rock work. They flower profusely all summer and are among the most successful also for winter blooming.

2039 Sweet Alyssum (A Maritimum). White, very sweet, about 9 inches and of trailing habit. 40c per oz.; packet 10c.

2041 Compactum. Ideal for edging, erect growth, 6 inches. Packet 10c.

2045 Carpet of Snow (Procumbens). Very dwarf, barely 4 inches high, forming low tufted plants which are a mass of white during the entire season. Packet 10c.

2044 Lilac Queen. Good compact habit and a very pretty deep lavender lilac in color, 6 inches. 75c per oz., packet 10c.

2047 Saxatile (Basket of Gold). Showy bright yellow hardy perennial, valuable for rock work and permanent edging or border, 1 foot high. 50c per ¼ oz., packet 10c.

Alyssum
Compactum

Alyssum
Lilac Queen



A Field of Healthy, Vigorous, Wilt Resistant Asters

GERMAIN'S WILT RESISTANT ASTERS

The most serious disease that affects the Aster is Wilt. Aster Wilt has played havoc with many aster plantings and much time and money has been spent in combatting it. Recently we were able to obtain certain varieties which showed remarkable immunity from this disease. Careful investigation and tests on a very large scale proved conclusively that, even on land badly infested with aster wilt, these resistant sorts made a strong, healthy growth, bloomed profusely and produced a good crop of seed without showing a sign of wilt.

CREGO'S GIANT COMET

or "Ostrich Feather" Aster
(Wilt Resistant)

The large shaggy flowers with long curled petals are not unlike the ostrich feather for which they are commonly named. The plants are strong, heavily branched and grow about 2½ feet in height.

- 2271 Crimson. Glowing deep rose-crimson.
- 2272 Flesh. Attractive light shell pink.
- 2273 Lavender. Soft lavender blue.
- 2276 Purple. Showy violet purple.
- 2274 Rose. Lovely bright carmine rose.
- 2277 White. Purest white, large and fluffy.
- 2280 Crego's or Ostrich Feathered Mixed.

Price of the above 20c per packet
Collection: The six colors for 90c

AMERICAN BEAUTY ASTERS

(Wilt Resistant)

A renowned cut flower strain producing very large densely double flowers on long stems. The flowers are of the American branching type but much larger and sturdier and hold up remarkably well after cutting.

- 2246 Crimson. Rich vivid crimson red.
- 2247 September Pink. Soft shell pink.
- 2248 Lavender. Clear lavender blue.
- 2249 Purple. Velvety dark blue or purple.
- 2251 Rose. Bright cerise-rose.
- 2252 White. Splendid large snow white.
- 2260 American Beauty Asters, mixed colors.

Price: Any of the above varieties
20c per packet; ⅛ oz. 50c.

Collection of the six separate
colors for 90c

AMERICAN BRANCHING ASTERS

WILT RESISTANT

This famous strain of branching Asters is deservedly popular. The flowers are of good size, very double, of fine form and abundantly produced.

- 2291 Crimson. Intense deep crimson red.
- 2292 Flesh. Clear even light pink.
- 2293 Lavender. Exquisite bluish lavender.
- 2294 Purple. Perfect flower, dark violet blue.
- 2295 Rose Pink. Charming bright rose.
- 2296 White. Large well formed, pure color.
- 2300 American Branching. All colors mixed.

Price: Any of the above 10c per packet

SINGLE RAINBOW ASTERS

Not a few flower lovers consider the single forms more artistic and charming than the larger double flowers. The single asters especially are very beautiful. The large daisy-like blossoms appear in the greatest profusion and are exquisite in bouquets.

- 2352 Single Rainbow. Dark red.
- 2355 Single Rainbow. Light rose.
- 2354 Single Rainbow. Purple.
- 2357 Single Rainbow. White.
- 2360 Single Rainbow. Mixed.

Price per packet, any of the above, 10c

CALIFORNIA SUNSHINE ASTERS

This beautiful new strain is a cross between the old sunshine type and California giant asters. The plants grow 2½ to 3 feet high and bear blossoms 5 to 6 inches across on rigid stems.

- 2331 Carmine Rose. Pkt. 25c.
- 2332 Flesh Pink. Pkt. 25c.
- 2333 Lavender. Pkt. 25c.
- 2334 Violet. Pkt. 25c.
- 2335 White. Pkt. 25c.
- 2338 California Sunshine Mixed. Pkt. 20c; ⅛ oz. 75c.

PEERLESS GIANTS OF CALIFORNIA

The immense, feathery, Chrysanthemum-like flowers measure from five to six inches. The stems are low branched, heavy, two feet in length and form no laterals, hence no disbudding is necessary.

Los Angeles—Super Giant. Height 36 inches. Color delicate shell pink. The largest of all California giants. Pkt. 20c.

2235 Peach Blossom. Quite distinct, opens a faint blush and flushes pink when in full bloom.

2236 Dark Purple. Intense deep blue purple, a magnificent color in Asters.

2237 Deep Rose. An exceptionally rich deep shade.

2238 Light Blue. A fine flower. Delicate yet of sufficient intensity to please the most critical eye.

2239 White. The latest addition to the strain; a snow white.

2240 New California Giants superfine mixed.

Price: Above varieties, except where noted,
15c per packet.

Collection: One packet each of 5 separate
colors, 60c

Regal Collection AMERICAN BRANCHING ASTERS

Contains six varieties of large flowering branching Asters in the following colors:

Crimson	Purple
Flesh Pink	Rose Pink
Lavender	White

Six 10c packets and one 15c packet of
Plant food tablets, 75c value, for 50c,
postpaid.

QUEEN OF THE MARKET ASTERS WILT RESISTANT

Well-known early Asters of branching habit, with long stems, excellent for cutting. Upright 20 in.

- 2369 Crimson. 2371 Lavender.
- 2370 Dark Blue. 2375 Scarlet.
- 2372 Flesh Pink. 2378 White.
- 2380 Finest Mixed.

Price: Pkt. 15c; ⅛ oz. 35c.

NEW POMPON ASTERS

Early flowering Asters 12 to 14 inches high, bearing numerous small pompon-like flowers, excellent for cutting.

- 2327 Rose. Pkt. 15c.
- 2324 Crimson. Pkt. 15c.
- 2323 Scarlet. Pkt. 15c.
- 2326 Lavender. Pkt. 15c.
- 2325 Violet. Pkt. 15c.
- 2329 Choice Mixed. Pkt. 15c.



Pompon Aster



American Branching Aster



Dimorphotheca Eklonus

ALONSOA

2038 Warscewiczii. Annual; 1-2 feet. Racemes of brilliant tomato red. Pkt. 10c.

AMARANTHUS

Am-ar-anth'-us

Fr. *Amarante* Sp. *Amaranto* Ger. *Fuchsschwanz*
Cola de Zorra

Annual plants with strikingly beautiful ornamental foliage. They reach a height of 3 to 5 feet and prefer an open sunny location and rather light soil.

2054 Sunrise (Molten Fire). A new variety with bright red flame-like foliage. Packet 15c.

2050 Caudatus (Love lies bleeding). Bright crimson flowers in drooping panicles. 40c per oz., packet 10c.

2051 Cruentus (Prince's Feather). Dark red. Packet 10c.

2052 Melancholicus Ruber. Leaves deep red. Packet 10c.

2055 Salicifolius (Fountain Plant). Long undulated foliage; deep green marked with crimson and yellow. Packet 10c.

2056 Tricolor (Joseph's Coat). Very showy, leaves variegated red, green and yellow. 50c per ½ oz., packet 10c.

ANCHUSA

An-keu'-za

(Alkanet, Bugloss)

Fr. *Buglosse* Ger. *Ochsenzunge*

2068 Capensis (Cape Forget-me-not). This attractive annual variety attains 1½ ft. in height and produces all summer lovely sprays of forget-me-not blue flowers. Packet 10c.

2069 Italica Dropmore Variety. One of the best hardy perennials growing to a height of 3 to 5 feet and producing an abundance of flowers in tall loose sprays. The color is a rich gentian blue very effective. Packet 10c.

2067 Lissadell. Beautiful gentian blue flowers; tall graceful sprays; growing to a height of 4-5 ft. and good for cutting. Pkt. 15c.

ANEMONE

An-em'-on-nee

(Windflower)

Fr. *Anemone* Sp. *Anemona* Ger. *Windroschen*
Flor del Viento

Perennial plants easily grown from seed, preferably sown where they are to bloom. Start in fall or spring and keep shaded until the seedlings appear. Height 1½ feet.

2070 Germain's Giant French Mixed. A most beautiful large flowered strain, frequently measuring four inches across and containing beautiful rose and salmon shades as well as the more striking crimson and deep blue colors. 45c per ½ oz., packet 10c.

2071 St. Brigid Strain. Very large double and single flowers in a wonderful array of colors. Packet 15c.

2073 His Excellency. Rich red, extra large size, brilliant color. Packet 25c.

ASCLEPIAS

(Butterfly Weed)

2217 Tuberosa. Perennial, with bright orange-yellow flowers; 2½ ft. high. Pkt. 15c.

ARABIS

A'-ra-bis

(Rock Cress)

Fr. *Arabette*

Ger. *Gansekresse*

2202 Alpina (Alpine Rock Cress). This delightful perennial is one of the earliest and prettiest of spring flowers. The dense tufts of snow white flowers always present a neat appearance and are invaluable for edgings and rockeries. 6 to 9 inches. Packet 10c.

AQUILEGIA

Ak-wi-leej'-i-a

(Columbine)

Fr. *Ancolie*

Sp. *Aquilena*

Ger. *Akelei*

Muela de San Antonio

Handsome and effective hardy perennials. The Columbines are most graceful in form and habit and invaluable to correct too stiff or formal plantings. They prefer a moist situation with partial shade. The seed may be sown in spring in the house or in the open ground; or they may be planted in August or September and will make vigorous plants and bloom abundantly the following spring. 2 to 3 feet.

2197 Long Spurred Blue Shades. Packet 20c.

2199 Long Spurred Orange Shades. Packet 20c.

2198 Long Spurred Pink Shades. Packet 20c.

2201 Long Spurred Snow Queen. Packet 20c.

2200 New Long Spurred Hybrids. A superb strain producing very beautiful large flowers with long spurs and in all shades of blue, mauve, yellow, orange, rose and white. Packet 15c.

2191 Chrysantha (Golden Spurred). Golden yellow. 45c per ½ oz., packet 10c.

2192 Coerulea (Rocky Mountain Columbine). Violet-blue and white. Packet 25c.

2195 Single Choice Mixed. All colors. 50c per ½ oz., packet 10c.

2196 Double Flowering Hybrid. Many beautiful shades. 40c per ½ oz., packet 10c.



Aubrietia

AUBRIETIA

Oh-bree'-ta

Fr. *Aubrietia*

Ger. *Blaukissen*

Very charming perennial bedding plants producing masses of flowers very early in spring, 6 inch. Rockgardens and borders in part shade. Sow in June and plant out in autumn.

2383 Graeca. Light purple. Per packet 15c.

mass of dark blue blooms. Pkt. 15c, ½ oz. 35c.

2381 Leichtlinii. Perennial. Carmine rose. Pkt. 25c.

2382 Bougainvillei. Dark blue. Pkt 25c.

2384 Large Flowered Hybrids Mixed. Pkt. 25c.

ARMERIA

Ar-meer'-i-a

(Thrift or Sea Pink)

Fr. *Gazon d'Olympe*

Ger. *Grasnelke*

2214 Formosa. Very pretty hardy perennial with slender leaves and rosy-pink flowers; invaluable for edging. Packet 10c.



Armeria

ARCTOTIS

Ark-toh'-tis

(White African Daisy)

Fr. *Arctotis*

Ger. *Barenobr*

Sp. *Arctotis*

2205 New Hybrids Mixed. A novelty from South Africa of vigorous growth, producing large composite flowers 2½ to 3 inches across in a great variety of colors—orange, terra cotta, yellow, salmon, carmine, etc. Very showy and effective and should prove a real acquisition to California gardens. 5 packets \$1.00, packet 25c.

2204 Grandis. A free flowering annual of unusual merit producing a wealth of large daisy-like flowers on well branched bushy plants 2 to 2½ feet high. The flowers are white with a steel blue reverse imparting a pearly hue of great charm; excellent for cutting; easily grown from seed sown in the open in early spring. 30c per ¼ oz. Packet 10c.

ARISTOLOCHIA

2210 Elegans. A twining vine with small leaves and large showy dark purple flowers. Packet 25c.

2211 Sipho (Dutchman's Pipe). The flowers are very odd and curious resembling a Dutchman's pipe. The large heart shaped leaves are grand. Packet 15c.

ASPARAGUS

2218 Plumosus. The Asparagus Fern extensively used by all florists. Feathery climber. 100 seeds 50c, packet 10c.

2219 Sprengeri (Emerald Feather). 100 seeds 45c, packet 10c.

AURICULA

Au-rik'-u-la

(Primula Auricula)

Fr. *Oreille d'Ours*

Ger. *Aurikelu*

Colorful hardy perennials for rock garden and border; useful also for window boxes and shady situations; prefer light, moist soil and bloom freely in April, May. ½ foot. 2385 Choice English Hybrids. Rich deep shades with many attractively margined. Packet 25c.

BALLOON VINE

2401 Cardiospermum. A rapid growing annual climber. White flowers are followed by interesting seed pods resembling minla-

AGATHEA

Ag-a-thee'-a

(Blue Marguerite)

Fr. *Aster du Cap*

Ger. *Kapaster*

2016 Coelestis (Amelloldes). Splendid free flowering border perennial, producing almost continuously a wealth of daisy-like flowers of a mazarine blue. They bloom readily from seed the first season. Packet 10c.

ANAGALLIS

An-a-gal'-lis

Fr. *Mouron*

Ger. *Gauchheil*

Sp. *Pimpinella*

2066 Bright Blue. A striking clear mid-blue. Fine for border or rock garden. Packet 10c. 2065 Anagallis (Pimpernel). Fine mixed. Packet 10c.

ANTIGONON

2074 Leptopus (Rosa de Montana). Perennial climber. Nearly always in flower; the blossoms are like those of a rosy pink Begonia, but borne in the greatest profusion all over the plant. Packet 15c.

CALENDULAS OR WINTER MARIGOLDS

Kal-end'-u-la

Fr. Souci Ger. Ringelblumen Sp. Maravilla Merca dela

One of the best and showiest of free flowering annuals and an "all year flower" in California. In colder climates it is an excellent pot plant for winter blooming. As a garden plant it is very effective in solid beds, borders, etc., and as a cut flower it has remarkable keeping qualities. It is of the easiest culture. Height 18 inches.

2498 Chrysanth. Chrysanthemum flowered. Per pkt. 15c.
2495 Campfire. A superb variety, color deep fiery orange. Per packet 15c.
2496 Germain's Orange King. A splendid variety with enormous orange flowers, perfectly double and with dark center. Blooms early and remains in flower during the whole season. Oz. 40c, packet 10c.
2507 Radio. A novel and attractive addition to Calendula group. Deep orange in color with petals evenly and prettily frilled. 1/8 oz. 45c, packet 15c.
2508 Golden Beam Radio. Golden yellow form of the orange colored radio. Good cut flower. Pkt. 25c.

2493 Ball's Orange. Glowing orange throughout, long stems and very large flowers. 2 packets for 25c, packet 15c.
2491 Ball's Supreme. Cadmium orange, dark brown center. Per packet 15c.
2492 Ball's Gold Improved. Rich golden yellow. Per packet 15c.
2494 Lemon Queen. Identical with Orange King in size and form but a rich lemon in color. Per oz. 30c, packet 10c.
2504 Masterpiece. Rich golden orange flower with a contrasting dark center. Large, good stem and a bright clear color. Pkt. 25c.
2503 Meteor. Orange striped with cream, attractive for cutting. Per packet 10c.
2506 Royal or Trianon. Yellow, striped orange, with dark center. Per packet 10c.
2505 Nankeen. Cream flushed apricot. A delicate shade. Per packet 10c.
2510 Germain's Extra Double Mixed. A choice mixture of many sorts. Oz. 30c, packet 10c.
Collection: One packet each of the seven varieties 60c.



Calendula

BALSAM

Impatiens (Im-pay'-shi-ens)
(Ladies' Slipper)

Fr. Balsamine Ger. Balsamineu Sp. Brincos

An old favorite in the summer flower garden. The brightly colored double flowers are very freely produced. The plants are bushy, 18 inches high, with fleshy stems and shiny bright green leaves. Start from seeds in boxes in early spring or later in the open ground. They are ideal for bedding, borders, pots or porch-boxes—annual.

2403 Flesh Pink. Satiny light rosy pink.
2404 Salmon Queen. Beautiful salmon rose.
2406 Solferino. White, lilac and scarlet.
2405 Scarlet. Brilliant fiery red.
2409 White Perfection. Pure white.
2410 Double Camellia Flowered Mixed. All colors. Per 1/4 oz. 40c.
2412 Double Rose Flowered Mixed. Very double. 1/4 oz. 25c.
Price of any of the above varieties, Pkt. 10c.

BELLIS

(English Daisy)

Fr. Paquerette Sp. Bellorita Ger. Massliebchen

Double Daisies are perennial but flower the first season from seed. They attain a height of 6 inches and are favorites everywhere for low edging.

2452 Etna. Rich deep red quilled giant flowered. Pkt. 15c.
2443 Mammoth Rose. Extra large flowers, fully double. Packet 15c.
2442 Mammoth Red. Petals slightly quilled. Packet 15c.
2444 Mammoth White. Extra large pure white. Packet 15c.
2445 Mammoth Mixed. Rose, red and white. 2 packets for 25c. Packet 15c.
2450 Double Mixed. Numerous double flowers. Per 1/8 oz. 60c, per packet 10c.



BIGNONIA

Splendid strong growing woody perennial climbers. Very popular for covering pergolas, porches, walls, pillars, etc.

2455 Radicans. Bright orange. Packet 10c.
2456 Tweediana. Golden yellow flowers, foliage evergreen. Per packet 10c.



Calceolaria BEGONIAS

Fr. Begonia Ger. Begonien Schiefblatt
Begonias of the Semperflorens type take a very high rank among bedding plants; succeeding perfectly in full sunlight and in positions partially or wholly shaded.

The seed should be sown in seed pans in fine soil composed of loam, leaf mould and sand. Scatter the seed on the surface and press the soil firm, but do not cover the seed.
2418 Semperflorens Alba. Pure white, bright green leaves. Packet 25c.
2419 Semperflorens Rosea. Bright rose, light green leaves. Packet 25c.
2424 Vernon (Atropurpurea). Bright orange-carmine flowers, deep red foliage. Pkt. 25c.
2422 Luminosa. Fiery dark scarlet, leaves reddish brown. Packet 25c.
2423 Prima Donna. Limpid rose shading to carmine. Packet 25c.
2430 Semperflorens Choicest Mixed. Ever-blooming strain containing all colors; 60c per 1-16 oz., packet 15c.

TUBEROUS-ROOTED BEGONIAS

The most beautiful of all bedding plants for shaded locations in summer and useful for many months as pot plants in-doors.
2436 Germain's Choice Single Tuberous rooted Mixed. Packet 50c.
2438 Germain's Finest Single Fringed Tuberous rooted Mixed. Packet 50c.
2440 Germain's Superfine Double Tuberous rooted Mixed. Packet 50c.

CALAMPELIS

2478 Scabra. Beautiful perennial vine, 6 feet in height, valuable for trellises, etc., and bearing freely large deep orange flowers. Per packet 10c.

Calliopsis

BOLTONIA

(False Chamomile)
Bol-toh'-ni-a
Fr. Boltonie

2461 Latissuama. Showy perennial growing 4 to 5 feet high, with very numerous daisy-like flowers of pleasing lilac-pink. Packet 15c.

BRACHYCOME

(Swan River Daisy)

Brak-i-koh'-me

Fr. Brachycome Ger. Blaustern
2464 Iberidifolia. Brilliant free-flowering annual blooming throughout the summer months and suitable for beds or borders. The dainty flowers resemble small Cinerarias. Height 9 inches. Per 1/4 oz. 50c, packet 10c.

BROWALLIA

(Amethyst)

Broh-wahl' or Broh-wal'-i-a

2468 Elata Mixed. Favorite summer blooming annuals, 18 inches in height. The flowers of unique amethyst blue and white are very freely produced. Packet 15c.

CACALIA

Ka-kay'-li-a

(Flora's Paint Brush or Tassel Flower)
2475 Coccinea. Vivid orange scarlet flowers beautiful for cutting. The plants are annual and reach 8 inches in height. Packet 10c.

CACTUS

Fr. Cactus Ger. Kakteen
2490 Choice Sorts Mixed. Leafless forms, massive, round, cylindrical, flat or angular and usually spiny are characteristic of these desert plants. Sow the seed in well drained light soil in a sheltered place and water carefully. Per packet 20c.

CALCEOLARIA

Fr. Calceolaire Ger. Pantoffelblumen
2481 Hybrida Superba. A beautiful large flowering strain, colors rich and varied. Sow seed as recommended for begonias. 3 packets for \$1.00, packet 35c.

CALLIOPSIS

Fr. Calliopsis Ger. Schongesicht
Sp. Margarita amarilla

Handsome free flowering annuals, succeeding in any soil or situation. They are very effective for bedding or massing and if the spent flowers are cut may be kept blooming until late autumn. It is best to sow where they are to bloom thinning them to stand 6 to 8 inches apart. The plants grow 2 to 3 feet high and supply a wealth of pretty cut flowers.

2513 Bicolor. Yellow with dark eye. Per oz. 45c.
2515 Crimson King. Rich crimson. Per oz. 75c.
2514 Coronata. Extra large yellow. Per oz. 60c.
2517 Golden Wave. Golden yellow, Chestnut Center. Per oz. 60c.
2521 Double Mixed. Double and semi-double. Per oz. 60c.
2520 Choice Sorts Mixed. Per oz. 40c.
Price: Any of the above 10c per packet.

GAY COLORED CANDYTUFT

Iberis (y-ber'-is)

Sp. *Carraspique*

Ger. *Schleifenblume*

Fr. *Tblaspi*

One of the most popular annuals for furnishing beds and borders with masses of color during the spring and summer months. It is best to sow the seeds where the plants are to bloom, thinning the seedlings to stand 8 to 10 inches apart. They may be started at any time during the spring or fall. Height about 1 foot.

2549 Giant White Hyacinth Flowered. Differing from the umbellata type in that the flowers are in longer heads and larger flowers. Per packet 10c.

2562 Miniature Gem. A miniature hyacinth flowered form for rock garden and borders. Pkt. 25c.

UMBELLATA STRAIN

2554 Flesh Pink. Delicate rosy pink; oz. 45c.

2556 Lavender. Soft pinkish lavender; oz. 45c.

2559 Rose Pink. Bright rose color; oz. 45c.

2558 Rose Cardinal. Beautiful rosy-red; oz. 75c.

2551 Carmine. Bright carmine rose; oz. 45c.

2552 Crimson. Rich red shade; oz. 45c.

2557 Albida. Pure white; oz. 45c.

2560 All shades mixed. Oz. 40c.

Price: Any of the above varieties 10c per packet.

Collection: One packet each of seven colors for 50c.

2564 Gibraltaria. Perennial lilac flowered variety, growing about 6 inches high, valuable for rock gardens and borders. Pkt. 10c.



Candytuft Umbellata

Giant Hyacinth Candytuft

CANARY BIRD VINE

3988 A tall annual climber of the Nasturtium family, producing a profusion of attractive golden yellow flowers. Per packet 10c.

CANNA

Kan-na
(Indian Shot)

Fr. *Balisier*

Ger. *Blumenrohr*

While Cannas are usually set out in the form of rhizomes commonly called bulbs (see Nursery Dept.) very fine plants are also obtainable from seed.

The strain we offer is large flowered and dwarf growing.

2563 Crozy's Choice Mixed. Per packet 10c.

CARDINAL CLIMBER

3211 Cardinals. Grows to a height of 30 feet with attractive green foliage covered with a blaze of bright cardinal red flowers. Per packet 15c.

CANTERBURY BELLS

CAMPANULA MEDIUM

Kam-pan'-eu-la

Fr. *Campanule*

Ger. *Glockenblume*

Sp. *Campanilla*

One of the grandest of old-time favorites. These beautiful and effective hardy biennials reach a height of 3 feet and are covered with large bell-shaped flowers during spring and summer. Sow seed in late spring or fall in seed beds or boxes and later transplant to their permanent location.

SINGLE CANTERBURY BELLS

The old favorite Canterbury Bell, with large bell-shaped blossoms on strong growing bushes 2½ to 3 feet high.

2525 Single Blue.

2526 Single Rose.

2527 Single White.

2530 Single Mixed.

Price: Any of the above 10c per packet.

CUP AND SAUCER CANTERBURY BELLS

Perhaps the most beautiful type, distinct in form, with large bell or cup-shaped flowers surrounded at the base by a large calyx of similar color, the whole resembling a cup and saucer.

2536 Calycanthema Blue.

2537 Calycanthema Rose.

2538 Calycanthema White.

2540 Calycanthema Mixed.

Price of above varieties 15c per packet; ¼ oz. 60c.

ANNUAL CANTERBURY BELLS

2523 Canterbury Bells—Annual Mixed. See Novelty Section, pages 10-17.

DOUBLE CANTERBURY BELLS

2535 Double Mixed. A fine mixture of all colors. ⅛ oz. 60c, per packet 15c.

PERENNIAL CAMPANULAS

2542 Carpatia (Carpathian Harebell). Clear blue, splendid for edging; 1 foot. Packet 15c.
2541 Pyramidalis (Chimney Bellflower). Blue. A tall stately perennial, 4 feet in height. Per packet 15c.

SHOWY PLUMED CELOSIAS

(Feathered Cockscomb)

Fr. *Celosie a Panache*

Ger. *Federbusch-Hahnenkamm*

Sp. *Celosi*

The feathered cockscombs are quite distinct in form, producing tall fluffy plumes 2 feet or more in height and are excellent material for summer beds or borders. They may also be cut and dried for winter decoration in the home.

2607 Plumosa Golden Yellow. Packet 10c.

2606 Plumosa Dark Crimson. Packet 10c.

2608 Thompsoni Magnifica Mixed. Graceful feathery plumes, 3 feet in height and ranging in color from clear yellow to deepest blood-red. Packet 15c.

2610 Plumosa—Feathered Cockscomb Mixed. All shades. ½ oz. 45c, packet 10c.

CELOSIA CHINESE WOOLFLOWER

A new and very attractive form of the feathered or Plumosa type, forming immense round heads resembling huge balls of silky wool.

2604 Chinese Woolflower. Crimson. Per packet 25c.

2605 Chinese Woolflower. Pink. Packet 25c.

2602 Chinese Woolflower. Mixed shades of red, pink and yellow. Packet 15c.

CRESTED COCKSCOMB

Celosia cristata (see-loh'-si-a)

Fr. *Crete de Coq*

Ger. *Hahnenkamm*

Sp. *Cresta de Gallo*

Showy, sun-loving annuals, perfectly at home in the California summer sunshine where their large highly colored crests add a gay note to innumerable gardens. Sow under cover very early in spring or later in the open and transplant or thin to 10 inches apart.

2620 Cristata Tall Mixed. Shades of red, pink and yellow, height 18 inches. ¼ oz. 45c, packet 10c.

2614 Cristata Dwarf Empress. Rich crimson combs, about 1 foot high, dark foliage. Per packet 15c.

2621 Cristata Nana. Dwarf golden yellow. Per packet 15c.

2615 Cristata Glasgow Prize. Immense deep crimson combs, 1 foot. Per packet 15c.

2618 Cristata Dwarf Mixed. Plants about 1 foot in height bearing immense combs in many showy colors. ¼ oz. 60c, packet 10c.



Plumed Celosia

CHABAUD'S EVERBLOOMING CARNATIONS

Fr. Oeillet Ger. *Nelken* Sp. *Claveles*
A remarkably fine and vigorous strain of French origin. Blooms in about five months from seed. Produces nicely fringed flowers of very large size and perfectly double and blooms indefinitely.

2582 Bright Rose.
2583 Dark Crimson (Black Prince).
2584 Flesh Pink.
2585 Scarlet.
2586 Pale Lilac (Pearl).
2587 White (Jeanne Dionis).
2588 Yellow (Marie Chabaud).
Collection: One packet each of the seven colors for 90c.
Price of the above varieties 15c per packet.
2590 Chabaud's Everblooming Giant Flowered. Mixed. Per packet 15c.

2591 New Giant Enfant de Nice. Mixed.
1/8 oz. 90c, packet 25c.

MARGUERITE CARNATIONS

An exceedingly popular type blooming in a few weeks from the seed. They are of very good size and produce a large percentage of fully double flowers. Can be started in boxes or directly in the open in spring or early fall.

2565 Rose. 1/8 oz. 45c.
2566 Scarlet. 1/8 oz. 45c.
2568 White. 1/8 oz. 45c.
2569 Yellow. 1/8 oz. 60c.
2570 Marguerite Choice Large Flowered Mixed. 1/4 oz. 60c.

Price: Any of the above 10c per packet.

CERASTIUM

Ser-as-ti-um
(Jerusalem Star)

Fr. Cerastium Ger. *Hornkraut*
2647 Tomentosum. Hardy perennial invaluable for rockeries and edgings; foliage silver grey. Height 6 inches, flowers purplish lavender. 1/8 oz. 45c; packet 15c.

CLEOME

Spider Flower

2726 Pungens Rose Queen. Very showy annual attaining a height of 4-5 feet, producing fantastic flowers of bright rose. Easily grown and good for bees. Pkt. 10c.

COBOEA

2730 Scandens. A very rapid annual climber, quickly attaining a height of 30 feet or more. The flowers are large, bell-shaped, deep purple in color. 1/4 oz. 30c, packet 10c.

PERENNIAL WHITE LEAVED CENTAUREAS

(Dusty Miller)

2644 Gymnocarpa. Finely cut, silvery white foliage, 12 inches. Per packet 10c.
2643 Candilssima. Very decorative foliage plants for borders, etc., silvery white leaves broadly cut. Flowers yellow. 1/8 oz. 60c. Per packet 10c.



Annual Chrysanthemum

COLLINSIA

(Innocence)

Fr. Collinsia Ger. *Collinsien*
2737 Bicolor. Slender, graceful annual 1 1/2 to 2 feet high, bearing clusters of lilac flowers prettily marked with white, violet and purple. Oz. 60c, packet 10c.

CUPHEA

(Cigar Plant)
Ger. *Kocherblumchen*

Pretty dwarf woody perennials ideal for borders and edging. Height about 1 foot.
2774 Miniata. Deep scarlet with lilac center. Per packet 10c.

2775 Platycentra. Russet orange. Packet 25c.

CENTAUREAS

Sen-tau-ree'-a

The Centaureas include two of the most popular garden annuals both for bedding and for cut flowers. They are extremely easy to grow and may be started any time either in boxes or in the open. Cover the seeds lightly or rake in and keep moist. 2 1/2 to 3 feet.

SWEET SULTAN

Fr. Centauree Sp. *Dulce Sultana*
A magnificent strain producing large, fringed and exquisitely scented flowers, very lasting when cut.
2632 Amaranth Red.
2633 Giant Brilliant Rose.
2635 Giant Delicate Lilac.
2634 Giant Deep Lavender.
2636 Giant Deep Purple.
2637 Giant White.
2639 Giant Yellow (Suaveolens).
2640 Royal Sweet Sultan Giant Mixed; 1/2 oz. 45c.

Price of the above varieties 10c per packet.
Collection: 1 packet each of seven colors 55c



Carnation

CHERIANTHUS

2649 Allioni. An early flowering perennial with gorgeous orange flowers. Unusually showy and sweet scented. Pkt. 10c.

DOUBLE CORNFLOWER

Fr. Bleuet, Barbeau Ger. *Kornblumen*
(Centaurea Cyanus)
Sp. *Boton del Soltero*

An old favorite known also as Bachelor's Buttons, Blue Bottle, Bluet, etc. One of the hardiest of annuals succeeding anywhere and responding quickly to what little care and cultivation may be bestowed upon it. The double sorts listed below are greatly improved both in size, type and range of color and are not to be compared with the old single strain.

2624 Germain's Extra Double Deep Blue. One of the finest blue annuals in cultivation. Flowers very large, fully double; oz. 60c.
2626 Extra Double Rose Pink. Oz. 60c.
2627 Extra Double Pure White. Oz. 60c.
2628 Double Brick Red (Miniata). Oz. 60c.
2630 Extra Double Finest Mixed. Oz. 40c.
Price: Any of the above sorts 10c per packet.
2642 Centaurea Americana (Basket Flower). A native species of great beauty, growing to a height of 3 to 3 1/2 feet and excellent for cutting. Large lilac flowers. Per packet 10c

COLORFUL ANNUAL GARDEN "MUMS"

ANNUAL SUMMER CHRYSANTHEMUMS

Annual Chrysanthemums are invaluable for summer gardening. Our list contains the finest improved varieties producing large showy flowers on bushy plants 2 to 3 feet high and blooming throughout the summer. Sow where they are to bloom and thin to 1 foot apart.

2651 Burrledgeanum. Petals white with center surrounded by ring of deep red and inner zone of yellow. 1/2 oz. 35c, Pkt. 10c.
2656 The Sultan. Rich Scarlet. 1/2 oz. 35c. Pkt. 10c.
2652 W. E. Gladstone. Deep crimson. 1/2 oz. 35c. Pkt. 10c.
2661 Chameleon (Eclipse) golden zoned scarlet. 1/2 oz. 25c, Pkt. 10c.
2662 Northern Star. Giant white, yellow zone. 1/2 oz. 25c, Pkt. 10c.
2677 Eastern Star. Clear yellow with dark center. 1/2 oz. 35c, Pkt. 10c.
2678 Morning Star. Canary yellow with dark disc. 1/2 oz. 35c, Pkt. 10c.
2660 Choicest Single Mixed (Painted Daisy). All colors. Oz. 45c, Pkt. 10c.

2665 Annual Double Mixed. A beautiful new strain, giving a large percentage of perfectly double flowers in many shades of red, purple, yellow, white, etc. 1/2 oz. 45c; Pkt. 10c.
2672 Coronarium Double Yellow. Hardy vigorous grower, excellent for cutting. Oz. 55c.
2671 Coronarium Double White. A fine white flower for cutting. Oz. 55c; Pkt. 10c.
2675 Coronarium Double Mixed. Oz. 45c; Pkt. 10c.
2653 El Dorado. Rich gold with dark center. Pkt. 25c.

PARIS DAISY

(Marguerite)

2679 Chrysanthemum Frutescens. Pure white daisy-like flowers very freely produced on heavily branched bushes 2 1/2 feet high. Per packet 15c.

SHASTA DAISY

(Chrysanthemum Leucanthemum)

2680 Alaska. A splendid hardy perennial with flowers of glistening white frequently 5 inches across, with broad overlapping petals and borne on strong stems of medium height ideal for cutting. Per packet 15c.

2681 Shasta Daisy or Ox-Eye Daisy. Very numerous large pure white flowers with small yellow center and borne on long stems. 1/4 oz. 65c, packet 10c.

2687 Giant Double Shasta Daisy (new). The beautiful white double flowers are 5 inches across and are very similar to shaggy petalled asters. They are borne on long stiff stems and are very valuable for cutting. Being a new variety a percentage of single flowers may be expected. Pkt. 25c.

AUTUMN CHRYSANTHEMUMS

Undoubtedly the choicest of autumn flowering perennials for garden or pot culture. A wide range of colors and many fine double flowers may be produced in fall from seed sown in early spring in seed boxes and later transplanted to the open. 3 to 4 feet.

2685 Japonicum Extra Large Double Mixed. Immense flowers, beautiful colors and many doubles. Per packet 25c.



Double Cosmos

GERMAIN'S COSMOS FOR SUMMER AND FALL

Koz'-mos

Fr. *Cosmos* Ger. *Cosmos* Sp. *Cosmos*

Very graceful tall annuals, with large long stemmed flowers and finely cut foliage. Cosmos are invaluable in the summer and autumn garden; the plants are bushy, 5 to 8 feet high and produce a wealth of excellent cut flowers. They are very useful for back grounds and screens, or wherever tall heavily branched flowering plants are needed. By using both early and late flowering strains they may be had in bloom from early summer until late fall. Easily grown from seed and succeeding anywhere.

GERMAIN'S EXTRA EARLY GIANT COSMOS

A new strain producing large flowers and commencing to bloom in the early summer.

2752 Early Giant Crimson.

2753 Early Giant Rose.

2754 Early Giant White.

2755 Early Giant Mixed. Oz. 60c.

Price: Any of the above 10c per packet.

Collection of a packet each of the three colors for 25c.

EXTRA EARLY DOUBLE CRESTED

2767 Carnelia. Crimson. 1/8 oz. 75c, packet 20c.

2766 Peach Blossom. Pink. 1/8 oz. 75c, per

packet 20c.

2768 Whirlwind. White. 1/8 oz. 75c, packet 20c.

2769 Extra Early Double Mixed. 1/8 oz. 60c, packet 20c.

MAMMOTH COSMOS

This beautiful strain attains remarkable proportions; bushes are broad and tall, flowers of largest size and with wide overlapping petals. If given an early start they bloom from mid-summer until late autumn.

2756 Mammoth Flowering Crimson. Brilliant deep red.

2757 Mammoth Flowering Pink. Bright rosy pink.

2758 Mammoth Flowering White. Very large pure white.

2760 Mammoth Flowering Mixed. Oz. 30c.

Price of the above varieties 10c per packet. Collection of one packet each of the three colors 25c.

DOUBLE CRESTED COSMOS

Flowers well filled in the center with a crest of narrow petals; some singles will appear but these are also very beautiful.

2763 Crimson King. Rich deep red. Per packet 15c.

2764 Pink Beauty. Soft satiny pink. Per packet 15c.

2765 White Queen. Pure white. Per packet 15c.

2770 Germain's Double Crested Mixed. 1/4 oz. 60c, packet 15c.

One packet of each of the 3 colors for 40c.

ORANGE YELLOW COSMOS

2762 Klondyke. A tall, vigorous species with large orange yellow flowers abundantly produced in the fall. 1/8 oz. 30c, packet 10c.

CLARKIA

Klar'-ki-a

Fr. *Clarkia* Ger. *Kreuzblume* Sp. *Clarkia*
Very free flowering annual of easy culture producing handsome double flowers on leafy stems and valuable for bedding for borders and for cutting. 2 to 3 feet. Sow in spring or fall in sun or partial shade.

2711 Double Apple Blossom.

2712 Double Brilliant Rose.

2715 Double White (Alba).

2716 Double Salmon Queen.

2717 Double Scarlet.

2720 Double Choice Mixed. 1/4 oz. 30c.

Price of the above varieties 10c per packet. Collection of six packets for 40c.

CLIANTHUS

Kly-an'-thus

Fr. *Clanthus*

Handsome sun-loving perennials from Australia, bearing clusters of bright pea shaped flowers. Sow the seeds in a dry sunny situation and water sparingly. 4 feet.

2727 Puniceus (New Zealand Parrot's Bill). Large bunches of showy red flowers. Per packet 25c.

2728 Dampieri (Australian Glory Pea). Clusters of brilliant scarlet flowers marked with black. Per packet 25c.

COREOPSIS

Fr. *Coreopsis* Ger. *Madchenauge* Sp. *Coreopsiside*
2749 Lanceolata Grandiflora. Perennial, showy golden yellow flowers, abundantly produced. They thrive anywhere and bloom the first season. Oz. 50c, packet 10c.

2747 Flora Plena. Double yellow. 1/4 oz. 55c; packet 15c.

2750 Auricula Superba. Petals golden yellow with brownish zone encircling center. Pkt. 25c.

CLEMATIS

2722 Paniculata (Japanese Virgin's Bower). Strong rapid grower with dense, rich green foliage and producing a wealth of fragrant, pure white flowers in summer. Packet 10c.

2725 New Large Flowered Hybrids. Exceedingly beautiful and always greatly admired. Packet 25c.

COLEUS

(Flame Nettle)

Fr. *Coleus* Ger. *Blumennessel* Sp. *Coleo*

2733 New Large Leaved Hybrids. Our strain of large leaved varieties produces the most highly colored and novel foliage plants for summer bedding or house culture. Sow in seed box in early spring and transplant. 2 feet. Per packet 25c.

2735 Finest Mixed. Beautiful variegated foliage, strong plants, 2 feet high; of great decorative value. Per packet 15c.

DAHLIAS

Dahl'-i-a

Fr. *Dahlia* Ger. *Dahlien* Sp. *Dalia*

While Dahlias are more frequently grown from tubers or roots it is quite possible and very interesting to grow them from seed. This may be done in one season, even from seed sown in the open ground as late as April.

2810 Giant Double Flowered Mixed. Saved from a beautiful collection of giant decorative and cactus varieties. Per packet 35c.

2812 Single Sorts Mixed. All colors. Per packet 10c.

2814 Pompon Mixed. Dwarf small flowered, very double. Per packet 35c.

CYCLAMEN

Syk'-la-men

Fr. *Cyclamen* Ger. *Alpenveilchen* Sp. *Ciclamen*
Saubrot

Charming tuberous perennial plants for the house or sheltered situations in the garden. Foliage rich deep green, flowers brilliantly colored and fragrant. Seeds should be planted 1/2 inch deep in well prepared seed boxes and seedlings moved to small pots. Cyclamen bloom in about 15 months from seed.

2782 Cherry Red. Bright cherry red.

2786 Pearl of Zehlendorf (Glory of Wandsbeck). Deep salmon.

2787 Rose of Zehlendorf. Bright salmon.

2783 Rose of Marienthal. Bright rose.

2781 Vulcan. Beautiful dark red.

2796 Pure White.

2795 White. Carmine eye.

Price: 100 seeds \$2.00, per packet 50c.

2800 Persicum Giganteum. Finest Giant

strain mixed. Per packet 35c.

2798 Papilio (Butterfly). Petals prettily

fringed. Mixed colors. Per packet 25c.

CYPRESS VINE

Attractive climbers of the Morning Glory family with delicate feathery foliage and abundance of pretty flowers. Annual. 10 feet.

3212 Scarlet. Per packet 10c.

3213 White. Per packet 10c.

3215 Choice Mixed. Per 1/2 oz. 35c, packet 10c.

CYNOGLOSSUM

Syn-o-glos'-sum

(Chinese Forget-me-not)

Fr. *Cynoglosse* Ger. *Hundszunge*

2807 Amabile. Brilliant metallic blue; 1/4 oz. 30c, packet 10c.

GERMAIN'S PRIZE CINERARIAS

Sin-er-air-i-a

Fr. *Cineraire* Ger. *Cinerarien* Sp. *Cineraria*

It would be hard to find a flowering pot plant or bedding plant of more resplendent beauty than the Cineraria. It produces gorgeous spikes of large blossoms in the most vivid shades during the late winter and early spring and delights in a cool shady location succeeding wonderfully well even out doors in Southern California. The seed should be sown in summer or early fall in seed pans.

2704 Germain's Giant Exhibition Strain. This is by far the most beautiful and finest strain we have seen. The flowers of enormous size are borne on sturdy plants about 18 inches in height. The colors range from white and light pink through rose, scarlet and purple, to deep crimson and royal blue. Packet 35c.

2700 Choice Hybrids Mixed. Very beautiful large flowering strain imported from the best European sources. Packet 20c.

2705 Stellata (Star Cineraria). A very popular strain producing innumerable star shaped flowers of good size and in a fine range of colors. Packet 25c.

2706 Maritima Candidissima. This as well as the white leaved Centaurea, is called Dusty Miller. The downy deeply cut foliage is silvery-white in color. Packet 10c.



Coreopsis



Giant Exhibition Cinerarias



Dianthus Splendens

ROCK GARDEN PINKS

2880 Deltoides. Mixed. Invaluable plant for rockery, forming masses of small flowers. Hardy perennial. Height 6-8 inches. Pkt. 15c.
2878 Caesius. Another splendid rock plant forming rosy-pink flowers in great profusion. Perennial, very dwarf. Pkt. 15c.

DIDISCUS

(Blue Lace Flower)

2885 Coeruleus. This elegant annual plant blooms abundantly from July until November. The flowers are of an exquisite "lace" texture hard to describe. A delicate lavender shade and invaluable for cutting. Height 18 inches. 1/4 oz. 60c; packet 10c.

DIGITALIS

(Fox Glove)

Fox gloves are tall, showy, hardy plants with green spikes of closely set flowers in many attractive shades. They are favorites in the hardy border and for growing between shrubs and in shady places. Sow in spring or fall. Height 4 to 5 feet.
2890 Gloxiniaeflora. Handsome spotted Gloxinia-like flowers on long spikes. Mixed colors. 1/4 oz. 30c, packet 10c.

DIMORPHOTHECA

(African Orange Daisies)

These are among the best winter flowering annuals. If started in September they begin to bloom in January. The bright daisy-like flowers appear on stems about a foot high and cover beds, borders and parkings with a mass of bloom.
2889 Salmon Beauty. Delicate and attractive salmon. Packet 15c.
2891 Aurantiaca. Bright orange. 1/4 oz. 50c, packet 10c.
2892 Finest Hybrids Mixed. Colors range from white, cream and salmon to deep orange. 1/4 oz. 50c, packet 10c.
2893 Golden West. Superb golden yellow. 1/4 oz. 65c, packet 10c.
2896 Eklonis. Perennial, making a spreading bushy plant covered with large white flowers with small deep blue center. Pkt. 15c; 1/4 oz. 35c.
One packet each of the 5 sorts for 50c

DOLICHOS

2897 Lablab (Hyacinth Bean). Rapid annual climber flowering freely in erect racemes. Mixed colors. Per oz. 30c, per packet 10c.
2898 Lignosus (Australian Pea). Rose and purple; one of the best climbers for a hot, dry climate. Perennial. Height 15 feet. Packet 10c.

ERIGERON

2910 Speciosa Hybridus. Mauve blue flowers with yellow centers. Pleasing perennial 1 1/2-2 feet in height. Excellent for cutting and rock gardens. Pkt. 15c.

ERYTHRINA

(Coral Tree)

2915 Crista Gall. Handsome decorative plant, producing showy racemes of rich scarlet flowers. Packet 25c.

GERMAIN'S SPICY GARDEN PINKS

Delightfully fragrant and brilliantly colored annual or biennial border and bedding plants. They are quite similar to the Carnation and the double sorts rival these in value as cut flowers for the home. While biennial they bloom very quickly from seed, which may be sown at any time, and usually keep over for a second season. Most varieties reach a height of 8 to 10 inches.

DOUBLE ANNUAL PINKS

2843 Mourning Cloak. Maroon, white edge. 1/4 oz. 45c.
2848 Malmaison. Bright rose. 1/4 oz. 60c.
2844 Fireball. Fiery scarlet. 1/4 oz. 45c.
2849 Purity. Snow white. 1/4 oz. 45c.
2856 Double Diadem Pink. Mixed. 1/4 oz. 40c.
2852 Laciniatus. Mixed. Double fringed. 1/4 oz. 40c.
2860 Chinensis (China Pink). Double mixed. 1/2 oz. 30c.
2855 Heddewigli (Japanese Pink). Double mixed. 1/2 oz. 50c.
2853 Hybridus Flora Plena. New double strain. 1/4 oz. 50c.
Price of the above varieties 10c per packet. Collection: Pkt. each of the 9 sorts for 75c.

SINGLE ANNUAL PINKS

2867 Splendens. Striking color effect, rich crimson with white center. Pkt., 25c; 1/8 oz., 50c.
2863 Crimson Belle. Velvety Crimson. 1/4 oz. 40c.
2866 Eastern Queen. Bright rose. 1/4 oz. 45c.
2872 Laciniatus. Single fringed. 1/4 oz. 30c.
2871 Nobilis (Royal Pink). Mixed. 1/4 oz. 30c.
2870 Heddewigli. Single Japanese Pink mixed. 1/2 oz. 40c.
The above, unless noted, 10c per packet. Collection of the five varieties for 40c.

PERENNIAL PINKS

2879 Sweet Wivelsfield. The most popular Dianthus introduced in recent years. Growing much like Sweet William only the flowers are larger and it has a much wider range of color. Per packet 20c.
2874 Plumaris Fl. Pl. Mixed. Beautiful double and semi-double flowers in a variety of pleasing shades. 1/8 oz. 45c, packet 10c.
2875 Plumaris Mixed. Single prettily fringed flowers. Both of these varieties have a refreshing spicy odor and are well adapted for beds, borders, etc. Per packet 10c.



Eschscholtzia Double

ESCHSCHOLTZIA

The Golden Poppy of California, a native of our valleys and hillsides, has become one of the favorite garden annuals throughout the world.

They thrive in any garden soil and should be sown where they are to bloom, thinning the plants to 6 or 8 inches apart. Height 1 to 1 1/2 ft.

SEVEN NEW CALIFORNIA POPPIES

2941 Tango. Bronze red and terra cotta.
2932 Mauve Beauty. Soft mauve rose.
2937 Purple Glow. Rich reddish purple.
2928 Lovely. Satiny rose suffused salmon.
2939 Scarlet Beauty. Deep scarlet.
2918 Ballet Girl. Frilled petals, carmine outside and creamy white inside.
2935 Orange Flame. Very erect, splendid for borders. Brightest orange scarlet.
2949 Richest Shades Mixed. Orange, pink, crimson, scarlet, etc. 1/2 oz. 60c.

Price: All the above varieties 15c per packet. Collection: One packet each of the seven new shades for 90c.

LARGE FLOWERING SORTS

2938 Rosy Queen. Soft rose-pink.
2924 Deep Orange (True California Poppy). Improved large deep orange, oz. 35c.
2927 Golden West. Large two-toned canary and orange yellow, oz. 30c.
2946 White. Re-selected pure white.
2950 Mixed. Many shades of orange, yellow and white, oz. 30c; 1/2 lb. \$1.50.

Price: Any of the above varieties 10c per pkt.

DOUBLE CALIFORNIA POPPIES

2952 Double Enchantress. A marvelous double California Poppy displaying a tyrian rose colored flower of very much charm. Per packet 25c.
2948 Double Crocea. Deep orange. Pkt. 15c.
2953 Double Carmine Queen. Vivid carmine crimson. Pkt. 15c.
2951 Double Choice Mixed. Containing many shades of yellow, orange, carmine, etc. Pkt. 15c; 1/4 oz. 30c.

FERNS

Fr. Fougere Ger. Farnen Sp. Helecho

Should be grown in a peaty, sandy soil and moist shady position. Sow seed on the surface in seed pans or pots.

2959 Greenhouse Species. Many choice sorts mixed.
2960 Open Ground Species. Hardy sorts mixed.

Price of the above per packet 15c each.

FREESIA

Freesias, although better known as bulbous plants, may easily be brought in flower from seed in one year.
2963 Refracta Alba. White. Packet 10c.

EUPHORBIA

Strong growing annual about 2 ft. in height. The flowers are inconspicuous; the foliage, however, is very ornamental.

2954 Variegata (Snow on the Mountain). Leaves heavily margined white. Packet 10c.
2955 Heterophylla (Annual Poinsettia or Mexican Fire Plant). In mid-summer the top center leaves of the branches turn scarlet giving the general effect of the Poinsettia. Packet 15c.



Gaillardia Portola

GERBERA

Ger'-be-ra
(Transvaal Daisy)

Fr. *Gerbera* Ger. *Königsmarguerite*
The original bright scarlet form was introduced from South Africa, but new colors quickly appeared and today a remarkable range is to be found in the New Hybrid Strain offered below.

The seed should be sown in seed pans of light, well drained soil, under shelter, and the young plants later set out in good rich soil with plenty of drainage and in a sunny spot.

2989 Scarlet and Red Shades. Packet 25c.
2990 New Hybrids Mixed. Many new shades in superb mixture. Packet 25c.

GEUM

Jee'-um or gee'-um
(Avens)

Fr. *Benoite* Ger. *Chilenische Nelkenwurzel*
A hardy perennial border plant of great beauty and succeeding admirably in California where it blossoms practically the entire year. Sow seed in boxes and transplant out of doors in spring. 1½ to 2 feet. Pkt. 50c.

2994 Mrs. Bradshaw. Large double brilliant scarlet, constantly in bloom. Packet 15c.
2992 Lady Stratheden. A new golden yellow with large full flowers of great beauty. Packet 15c.
2993 Prince of Orange. Rich orange color, a sturdy plant and a most desirable variety. Packet 50c.



GERMAIN'S GAILLARDIAS

FOUR CHOICE VARIETIES

Few cut flowers are so dependable during the warm summer and fall months as these showy, large flowered gaillardias. They are perennial but bloom the first season from seed which may be started at any time of the year in California and Southern States. We especially recommend the varieties listed below as they are much larger, brighter in color and better in every way than the older types.

2974 Tangerine. A compact grower with large tangerine colored flowers making it very distinct in coloring. A worthy garden subject. Packet 25c.

2969 Dazzler. An intense orange red which is exceedingly effective when cut. Plants are vigorous, stems long and wiry. A superb novelty. ½ oz. 50c, packet 20c.

2970 Portola Hybrida. A vivid red shade tipped with gold, after the manner of the original type but the colors are brighter, clearer and the flowers immense in comparison. ½ oz. 50c, packet 20c.

Gayl-lar'-di-a
(Blanket Flower)

Fr. *Gaillarde* Ger. *Kokardenblume* Sp. *Gaillardia*
Both the annual and perennial strains of Gaillardias are effective and valuable summer flowering plants for bedding, for borders and for cutting. If sown early they begin to bloom in July and continue a mass of bloom until late fall, blooming also in winter in all mild sections of the country. Height 2 to 2½ feet.

2977 Picta. Annual, crimson and orange, ½ oz. 40c.

2980 Lorenziana Double Mixed. Superb double flowering strain. Annual. ½ oz. 45c.

2972 Grandiflora Maxima. Perennial, golden yellow.

2976 Indian Chief. Copper red, a new color which cannot fail to win admiration. Pkt. 15c; ½ oz. 30c.

2973 Grandiflora Sanguinea. Perennial, blood-red with yellow border.

2975 Grandiflora Superb Mixed. Very large flowers in splendid combinations of crimson and gold. ½ oz. 45c.

Price of the above per packet 10c.

GENTIANA

Jen-shi-ay'-na

Fr. *Gentiane* Ger. *Enzian* Sp. *Genciana*

An alpine plant much used in rock work and for borders, 3 to 4 inches high.

2981 Acaulis. Intense blue. Packet 10c.

GERANIUM

Jer-ay'-ni-um

Fr. *Geranium* Sp. *Geranio* Ger. *Storachschnabel*

2983 Zonale Mixed. Very interesting to grow from seed. Sow indoors early and set out in April or May. Packet 25c.

GODETIA OR FAREWELL TO SPRING

Go-dee'-shi-a

Fr. *Godetia* Ger. *Morgenglanz* Sp. *Godecia*

Very handsome annual plants especially suited for semi-shady locations. Sow in spring in the open and thin to 8 or 10 inches apart. The flowers are bright and colorful and the single sorts are not unlike the Azalea in form. The double varieties are popular for cutting.

3011 Duke of York. Crimson carmine, white center. Packet 10c.

3020 Single Very Choice Mixed. ½ oz. 45c, Packet 10c.

TALL DOUBLE SORTS

3021 Carmine. Rich carmine center with lighter margin. ¼ oz. 35c.

3026 Lilacina. Mauve lilac. ¼ oz. 35c.

3028 Rose. Bright rose shade with carmine at base. ¼ oz. 35c.

3022 Crimson. Deep crimson heavily margined rosy red. ¼ oz. 35c.

3030 Tall Double Mixed. All colors. ¼ oz. 30c. Price: Any of the above varieties 10c per pkt.



Godetia

FUCHSIA

2967 Single and Double Mixed. A well-known favorite. Does best in semi-shade. Our selection contains many choice shades in purple, red and white. Pkt. 50c.

GILLIA

Jil'-i-a

Fr. *Gilia*

2996 Capitata. A graceful annual with feathery foliage and globular heads of rich lavender blue flowers excellent for cutting. They may also be dried. Packet 10c.

2998 Tricolor Mixed (Bird's Eyes). Pretty annual about 1 foot high with pale lilac flowers. Yellow towards the center and with purple spots. Oz. 40c, packet 10c.

GLADIOLUS

Glad-i-oh'-lus

(Sword Lily)

Fr. *Glaicul*

Widely known and usually propagated from bulbs. They are, however, easily raised from seeds, blooming usually the second year. Seeds saved from our own extensive fields.

3003 Selected Choice Mixed. Packet 25c.

GLOXINIA

Glox-in'-i-a

Fr. *Gloxinia*

Ger. *Gloxinien*

3004 Hybrida Grandiflora. One of the most beautiful flowering pot plants for the house or conservatory. Sown in early spring in seed pans and later potted they bloom in 5 months. They thrive best in a mixture of peat, loam and sand. Packet 50c.

Gloxinia
Hybrida
Grandiflora



GERMAIN'S DOUBLE HOLLYHOCKS

Fr. *Rose tremiere* Ger. *Malven* Sp. *Althea Rosea*
Passe-Rose Malva Real

Indispensable wherever height and color are required in the garden. The giant stalks with closely placed double, semi-double or single flowers, rise to a height of 6 or 7 feet and are strikingly effective in groups, in rows, as a background or planted among the shrubbery. Seed sown early indoors and transplanted will bloom late the same year; if sown in late summer or fall they bloom throughout the following season.

3164 Germain's Double Crimson. Rich deep red.
3166 Germain's Double Pink. Bright rose pink.
3167 Germain's Double Maroon. Velvety dark maroon.

GYPHOPHILA

Jip-sof'-il-a
(Baby's Breath)

Fr. *Gypsophila* Ger. *Schleierkraut* Sp. *Gypsophila*
Gipskraut Ilau-llan

The Gypsophilas in both the annual and perennial varieties are very popular for mixing with other flowers. The light feathery sprays of tiny white flowers are exceedingly graceful. The annual strain may be started at intervals throughout the year and should be sown where the plants are to bloom. The perennials require somewhat longer to come into bloom, but once established they furnish quantities of flowers each season.

Annual Sorts

3041 Elegans Carmine. A recent introduction of a deep carmine. Pkt. 10c; oz. 35c.
3043 Elegans Rosea. Small light pink flowers. Oz. 45c, packet 10c.
3044 Elegans White. Small white, tinged lavender. Oz. 30c, packet 10c.
3045 Grandiflora Alba. Greatly improved, large flowers and pure white. Oz. 35c, per packet 10c.
3042 Grandiflora Crimson. As its name would indicate, a crimson variety of the preceding. Packet 10c.

Perennial Varieties

3046 Paniculata. Large panicles of tiny white flowers. 1/4 oz. 30c, packet 10c.
3047 Paniculata Double. New double flowering variety. Packet 25c.

HELIANTHUS

Hee-li-an'-thus
(Sunflower)

Fr. *Soleil* Ger. *Sonneblumen* Sp. *Girasol*
Tournesol

Tall, rapidly growing plants mostly annuals 6 to 7 feet in height and producing an abundance of large showy flowers. They are effective for screens, backgrounds, among shrubbery and are useful for cutting. Sow in spring in their permanent location.

3119 Double Chrysanthemum Flowered. Large perfectly double flowers of a rich golden yellow. 1/2 oz. 45c.
3122 Double Flowered Dwarf (Globe of Gold). A very double sort of dwarf habit. 1/2 oz. 40c.
3123 Cucumerifolius (Miniature Sunflower). Single rich yellow flowers in great abundance. 1/4 oz. 30c.
3124 Stella. A variety of the above, flowers golden yellow with black disc. 1/2 oz. 45c.
3126 Red Hybrid. The nearest approach to a red sunflower. 1/2 oz. 40c.
3127 Augustiflorus (Autumn Glory). A perennial sort producing great masses of bloom in late autumn.

Price: Any of the above varieties 10c per pkt.



3171 Germain's Double White. Pure white.
3173 Germain's Double Yellow. Clear satiny yellow.

3175 Germain's Double Mixed. All colors.
Price: Any of the above varieties 10c per pkt.

3178 Allegheny Mixed. Semi-double flowers, beautifully fringed. 1/4 oz. 50c, packet 10c.

3180 Finest Single Mixed. Large single flowers in many shades, vigorous, tall habit. 1/2 oz. 40c, packet 10c.

3182 New Triumph Mixed. A remarkable new early flowering Hollyhock growing 4-5 feet high. Pretty waved and fringed flowers in a wide array of colors. Packet 15c.

HELENIUM

Hee-lee'-ni-um
(Sneeze Wort)

Fr. *Helenie* Ger. *Sonnenbraut*
Strong growing hardy perennial 3 to 5 feet tall; succeeding anywhere and giving an enormous crop of flowers in the fall.
3116 Autumnale. Bright golden yellow flowers. Packet 15c.

HIBISCUS

Hy-bis'-kus
(Marshmallow)

Fr. *Ketmie* Sp. *Malva*
3160 Mallow Marvels. Robust perennials, 5 to 6 feet high, bearing profusely large flowers in shades of red, rose and white. They bloom from July until October and adapt themselves to any soil or situation. Per packet 15c.
3162 Sunset or Golden Bowl. Deep cream with velvety maroon center. Pkt. 15c.

HONEYSUCKLE, FRENCH

(Hedysarum)

Fr. *Sainfoin* Sp. *Madreselva*
3115 Coronarium. Profuse blooming perennial about 3 feet in height, succeeds well anywhere and is particularly valuable for seaside planting. Colors red and white mixed. 1/2 oz. 50c, packet 10c.

HONESTY

Leu-nair'-i-a
(Lunaria)

Fr. *Lunaire* Ger. *Judasschilling*
Monnaie du pape Silberblatt

3185 Biennis. A biennial plant of the easiest culture, usually re-seeding itself after a first planting. It grows 18 inches high, has purple flowers and is especially interesting when dried. The diaphanous inner linings of the seed pods, after hulls are removed, present a very decorative effect. 1/4 oz. 30c, per packet 10c.

HUMULUS

3187 Japonicus (Japanese Hop Vine). Handsome green foliage. Height 20 feet, annual. 1/2 oz. 40c, packet 10c.
3188 Japonicus Variegata. Pretty variegated form of the preceding variety. 1/2 oz. 30c, packet 10c.

HUNNEMANNIA

Hun-ne-man'-ni-a
(Mexican or Giant Yellow Tulip Poppy)

Fr. *Hunnemannia*

3190 Fumariaefolia. A perennial, flowering the first year from seed and blooming through the greater part of the season. The poppy-like flowers are similar to the California poppy but of a lighter canary yellow. They are excellent for cutting, keeping a long time in water. 1/2 oz. 45c, packet 10c.

HEUCHERA

Heu'-ker-a (heuchera)
(Coral Bells)

Fr. *Heuchere* Ger. *Alaunwurzel*
3155 Sanguinea. Delightful low border perennial about 1 ft. high producing many graceful stems of bright coral red bell-shaped flowers. Sow the seed in boxes early in fall.
3156 Sanguinea Finest Mixed. Similar to the above, but in varied shades of red, pink and white. Packet 15c.

Heuchera

25

Hibiscus



ORNAMENTAL GOURDS

Well dried and covered with Shellac or painted in bright colors, gourds lend themselves to many useful and ornamental treatments—Mexican corn too, is popular for decoration. Both should be sown in spring. Gourds may be trained on fences, pergolas, etc., taking little space.

3095 Cucumber Snake. Pkt. 10c.
3108 Wild Cucumber. Pkt. 10c.
3091 Apple Shaped. Pkt. 10c.
3093 Bottle-shaped. Pkt. 10c.
3094 Calabash-shaped or Pipe. Pkt. 10c.
3096 Dipper. Pkt. 10c.
3097 Dish Rag. Pkt. 10c.
4098 Egg Shaped. Pkt. 10c.
3099 Hercules Club. Pkt. 10c.
3101 Orange Shaped. Pkt. 10c.
3102 Pear Shaped. Pkt. 10c.
3104 Serpent. Pkt. 10c.
3114 Spoon. Pkt. 10c.
3106 Sugar Trough. Pkt. 10c.
3107 Turks Turban. Pkt. 10c.
3110 Fine Mixed. Oz. 45c, Pkt. 10c.
3111 Extra Choice Mixture. Containing many unusual kinds. Pkt. 25c.

MEXICAN CORN

Varicolored Kernels

This ornamental corn is used in connection with gourds for decoration. The kernels are naturally colored and appear in a variety of shades on the same ear. Some are very dark, reaching almost a black-purple, while others shade through deep orange and gold to a light maize. Price: per packet 20c.



Ornamental Gourds

HESPERIS

He'-pur-is

Fr. *Julienne des Jardins* Ger. *Nachtviole*
3151 Matronalis (Sweet Rocket or Dame's Violet). An old favorite perennial plant used for borders, rockeries, etc. Flowers are purple, sweet-scented. 18 inches. Pkt. 10c.



GERMAIN'S GIANT LARKSPURS

Fr. *Pied d'Alouette*

Ger. *Rittersporn*

Sp. *Espuela del Caballero*

Old time favorites as they are, there are few annuals in our gardens today to equal the Larkspurs' usefulness and charm. The double stock-flowered strain here offered is a note-worthy improvement on the older forms. The plants are heavily branched, grow to a height of 3 feet or more and produce a continuous succession of bloom from early summer until fall. Invaluable for summer bedding and border planting, they are also one of the most dependable sources of cut flowers over a period of months. Sow in the open in early spring or fall.

GIANT IMPERIAL DOUBLE

3254 *Carmine King*. A splendid new larkspur, color a striking rich carmine, excellent habit. 1/4 oz. 40c, packet 15c.

3255 *Miss California*. A beautiful and attractive, rich, deep pink on salmon ground. 1/4 oz. 40c, packet 15c.

3252 *Blue Spire*. Intense deep oxford blue with the upright base branching habit. 1/4 oz. 50c, packet 15c.

3253 *Lilac Spire*. The beautiful lilac so attractive in larkspurs, with the base branching habit and giant size of the Imperial group. 1/4 oz. 50c, packet 15c.

3251 *White Spire*. Somewhat of a sensation in white larkspurs. It has the new upright delphinium-like habit, is very double and a dazzling pure white in color. 1/4 oz. 50c, packet 15c.

3232 *Blue Bell*. (New.) A delightful clear light blue. Upright type with long base branching spikes. Pkt. 15c, 1/4 oz. 40c.

3241 *Exquisite Rose*. A rich, bright rose, flushed salmon; one of the best for all purposes. 1/4 oz. 50c, packet 15c.

3240 *La France*. An outstanding new florists' larkspur which has met with great success. It is a fine and pleasing shade of salmon pink. 1/4 oz. 50c, packet 15c.

3236 *Los Angeles Improved*. Similar to the foregoing but several shades darker in color, being a rich, warm, salmon rose. 1/4 oz. 40c, packet 15c.

3233 *Giant Imperial Double*. A mixture of the newest larkspurs, including the new salmon shades. Pkt. 15c, 1/4 oz. 35c.

TALL DOUBLE STOCK-FLOWERED

3238 *Dark Blue*.

3243 *Lilac*.

3244 *Lustrous Carmine*.

3248 *Bright Violet*.

3246 *Bright Rose*.

3245 *Rosy Scarlet*.

3249 *White*.

3250 *Tall Double Mixed*.

Collection:
One packet each
of seven colors,
50c

Price 25c per 1/4 oz., 10c per pkt.

KALANCHOE

3228 *Globulifera Coccinea*. New succulent 12 inches high. Greenhouse pot plant but may be grown outdoors in a mild winter climate. Flowers freely in a few months from sowing seed. Color bright scarlet. Pkt. 50c.

KOCHIA

Kok'-i-a

(Summer Cypress or Belvedere)

Fr. *Cypres-d'ete*

Ger. *Sommerzypresse*

Sp. *Planta Mexicana de la Hoguera*

3229 *Childsi*. Attractive annual for borders, etc., resembling a young cypress in general appearance. In the fall the cold nights color the foliage to a deep crimson. Oz. 30c, packet 10c.

KUDZU VINE

3231 *Kudzu Vine (Pueraria Thunbergiana)*. Perennial, one of the most rapid growing vines known. The leaves are very large, making it a suitable plant covering for arbors, trellises, etc. 1/4 oz. 25c, packet 10c.

LATHYRUS

Free flowering, perennial climbers, excellent for covering fences, trellises, etc.

3256 *Latifolius Rose*. Packet 10c.

3258 *Latifolius White*. Packet 10c.

3260 *Latifolius Mixed*. 1/2 oz. 60c, packet 10c.

LAVANDULA

Lah-van'-deu-la

(Lavender)

Fr. *Lavande*

Ger. *Lavendel*

Sp. *Espliego*

3268 *Vera*. The true sweet lavender, a well known perennial and fine for the mixed border. 1/4 oz. 30c, packet 10c.

LAVATERA

Lah-va-tee'-ra

(Annual Mallow)

Fr. *Lavatera*

Ger. *Bechermalva*

3266 *Trimestris Mixed*. Very beautiful annuals 3 to 4 feet high, with large satiny flowers in shades of carmine, rose and white. 1/2 oz. 35c, packet 10c.

3262 *Assurgentiflora*. This perennial is easily grown from seed, is very drought resistant and makes one of the quickest and best windbreaks known in California. The flowers being an attractive shade of rose. Sow in flats and set out plants 3 feet apart. Packet 10c.

LANTANA

Lan-ta'-na

Fr. *Lantana*

Ger. *Wandelroschen*

3235 *Dwarf Mixed*. Bushy plants about 1 ft. high bearing constantly showy heads of Verbena-like flowers. They are perennial; a permanent bedding material of the first order. Packet 25c.

3234 *Tall Sorts Mixed*. Shrubby perennials growing 3 to 4 feet high and producing their showy orange, red or yellow flowers continuously throughout the year. Oz. 60c, packet 10c.

Mignonette

LEPTOSIPHON

3275 *Hybrids Mixed*. Profuse blooming annual. 8 inches high, useful for rock gardens and for edgings. Mixed colors. Pkt. 15c.

LINARIA

Ly-nair'-i-a

Fr. *Linaire*

Ger. *Zimbelblume*

3290 *Maroccana Excelsior Choice Mixed*. Pretty annuals 12 to 15 inches high, valuable for massing or low borders. Packet 10c.

3284 *Cymbalaria (Kenilworth Ivy)*. Delightful perennial trailing plant for rock work, baskets, window boxes, etc. Flowers lavender and purple. Packet 10c.

LOBELIA

Loh-bee'-li-a

Fr. *Lobelia*

Ger. *Lobelien*

Sp. *Lobelia*

The annual varieties of Lobelia we offer are dwarf compact plants 4 to 6 inches high or trailing sorts used for baskets, urns, etc. They are remarkably free flowering, blooming continuously from June to November. Lobelia Cardinals is a very desirable perennial plant.

3296 *Crystal Palace Compacta*. Rich deep blue of erect, bushy growth. Leaves deep bronzy green. Ideal for edging, bedding and ribbon borders. Packet 10c.

3297 *Emperor*. Clear light violet or sky blue. Packet 10c.

3301 *White Gem*. Compact bushes covered with snow white blossoms. Packet 10c.

3303 *Pendula Hamburgia*. Clear blue with distinct white eye, trailing habit, very popular for hanging baskets. Packet 10c.

3308 *Cardinalis (Cardinal Flower)*. Showy perennial with spikes of brilliant scarlet flowers, height 3 feet. Packet 25c.



Larkspur

IMPATIENS

Im-pay'-shi-ens

Fr. *Impatiens*

Ger. *Jelangerjelieber*

3196 *Sultani (Sultan's Balsam)*. Charming free flowering perennials for bedding in semi-shade or for pot culture. The wavy, bright rosy scarlet flowers are produced continuously. Sow in pans or boxes and transplant. Packet 20c.

3195 *Holstii Hybrids*. Colors vary from pink to lilac and ruby to scarlet. Pkt. 20c.

IPOMOEA

3198 *Bona Nox (Annual Blue Moonflower)*. Large deep blue flowers freely produced all summer. 1/2 oz. 45c, packet 10c.

3200 *Leari (Blue Dawn Flower)*. Perennial vine, a perpetual bloomer with large handsome rich dark flowers. Packet 25c.

3203 *Mexicana Grandiflora Alba (White Moonflower)*. Immense pure white. 1/4 oz. 50c, packet 10c.

3199 *Rubro Coerulea (Heavenly Blue)*. One of the most beautiful with extra large flowers of a pleasing sky blue shade. 1/4 oz. 50c, packet 15c.

3202 *Setosa (Brazilian Morning Glory)*. A rapid growing vine of unique subtropical appearance. Large lobed leaves and beautiful rose colored flowers with pink center. Packet 15c.

JACOBEOEA

Fr. *Senecon des Indes*

Ger. *Kreuzkraut*

3226 *Double Choicest Mixed*. Very interesting annual 1 1/2 ft. high, closely resembling the pompon chrysanthemum in form and also in range of colors which includes rose, copper, magenta red, etc. Flowers freely through the summer from seeds sown in spring. Packet 25c.

BRILLIANT MARIGOLDS

Tagetes—Tah-gee'-teez

The African and French Marigolds enjoy a well deserved popularity. They form excellent material for summer bedding and mixed borders and offer an endless supply of splendid cut flowers. The diversity of orange and yellow shades in which they abound permits of most effective contrasts in decoration if combined with blues and purples of Larkspur, Cornflower, etc. Sow in early spring in a sunny exposure. While they thrive most anywhere they appear most successful in light soils.

CHOICE FRENCH MARIGOLDS

Fr. Oeillet d'Inde Ger. Goldsamt
3341 Legion of Honor (Little Brownie). Very popular single variety of compact growth, about 9 inches high. Produces masses of golden yellow flowers with velvet brown centers from spring until late fall. ¼ oz. 25c, packet 10c.
3333 Scotch Gold Striped. Double, deep velvety flowers striped gold.
3331 Dwarf, Double Electric Light. Double form of Legion of Honor. Packet 10c.
3351 Dwarf, Double Golden Ball. Golden yellow. Packet 10c.
3342 Double Dark Brown. Very double flowers of rich orange brown. ¼ oz. 25c, per packet 10c.
3343 Double Orange. Bright orange, flowers good size and perfectly double. ¼ oz. 25c, packet 10c.
3345 French Dwarf Double Mixed. A choice mixture of many double sorts. ½ oz. 30c, packet 10c.
3350 Tall Double Mixed. ½ oz. 30c, per packet 10c.

AFRICAN MARIGOLDS

Fr. Rose d'Inde Ger. Samtblume Sp. Clavelon Goldsamt
3344 Guinea Gold. Very bright, medium sized double. For complete description see Novelties. ¼ oz. 60c, packet 20c.
3337 All Double Lemon. Giant flowered clear lemon yellow. Packet 15c.
3338 All Double Orange. Extra large, fully double bright orange. Packet 15c.
3335 Orange Prince. Large, perfectly double quilled flowers of a rich deep golden orange. The largest and most showy of them all. ¼ oz. 50c, packet 10c.
3334 Lemon Queen. Almost an exact counterpart of Orange Prince, except in color which is a most pleasing even lemon yellow. ¼ oz. 50c, packet 10c.
3340 Choicest Double African Mixed. Contains many shades of orange and yellow 2 to 3 ft. ½ oz. 40c, packet 10c.
3347 Australian Giant or Grendon Tree Marigold. Flowers not unlike the French, but bushes reach a height of several feet. ¼ oz. 40c, packet 15c.

MANDEVILLEA

3332 Suaveolens. A very handsome climber with pure white, very fragrant flowers. The plant is perennial. Packet 25c.

MARVEL OF PERU

Mirabilis (My-rab'-il-is) (Four O'Clock)
Fr. Belle-de-nuit Ger. Wunderblumen
Sp. Bella de la Noche
Don Diego de Noche
3352 A handsome and well known garden favorite. Extremely free flowering and succeeding everywhere. Perennial 2 ft. Finest mixed colors. Oz. 30c, packet 10c.

MATRICARIA

(Feverfew)
Fr. Matricaire Ger. Elfenbeinknopfschen
3356 Eximia Double White. Free blooming perennial 1½ ft. high, desirable for bedding, pots, etc. 1-16 oz. 30c, packet 10c.
3357 Golden Ball. Very handsome double button shaped blossoms of deep chrome yellow. 1 foot. The feverfews are very pleasing cut flowers of exceptional keeping quality. Packet 10c.

MESEMBRYANTHEMUM

Mes-em-bri-an'-the-mum (Figmarigold)
Fr. Ficoide glaciale Ger. Miltagsblume
3366 Criniflorum (Livingstone Daisy). New. Low slightly spreading annual. Abundant flowers of varied colors. 1/16 oz. \$1.50, per packet 35c.
3368 Crystallinum (Ice Plant). ¼ oz. 25c, packet 10c.
3369 Tricolor. Mixed. ¼ oz. 50c, packet 10c.

MIGNONETTE

(Reseda)
Fr. Reseda Ger. Reseda Sp. Minoneta
Mignonette should be sown at intervals throughout the year. It thrives in ordinary garden soil and may be potted for winter use in colder sections. Through its exquisite fragrance this well known favorite has maintained a universal popularity and no garden seems complete without it.
3376 Germain's Triumph. A superb variety with individual florets of remarkable size borne on spikes 12 to 15 inches long and very sweetly scented. ¼ oz. 25c, packet 15c.
3377 New York Market. Tall cut flower strain, numerous light colored spikes and fragrant. ¼ oz. 25c, packet 10c.
3371 Red Monarch. Very large spikes of a pronounced red shade. ¼ oz. 40c, packet 10c.
3372 White Gollath. Great spikes with large florets giving a decided white appearance to the massive flowers. ¼ oz. 50c, packet 15c.
3380 Sweet Mignonette (Reseda Odorata). The old-fashioned favorite, very sweetly scented. Oz. 30c, packet 10c.
Collection of one packet each of the five sorts for 60c.

MIMOSA

Mi-moh'-za (Sensitive Plant)
Fr. Sensitive Ger. Schambafte Sinnpflanze
3382 Pudica. Very curious and interesting plant with "sensitive" foliage which droops and closes when touched or shaken. Flowers light pink. Perennial, 2 ft. Packet 10c.

MOMORDICA

The Momordicas are very handsome. The fruit bursts when ripe, exposing bright orange-scarlet interior, which resembles a handsome flower.
3388 Balsamina. "Balsam Apple." Height 6 ft. Packet 10c.
3389 Charantia. "Balsam Pear." Height 5 ft. Packet 10c.

MINA

3387 Lobata. Beautiful annual climber. It produces freely long spikes of handsome bright red and yellow flowers. Packet 10c.

MORNING GLORIES

(Convolvulus Major)
The tall Morning Glories are perhaps the most free flowering and rapid growing climbers in cultivation.
2739 Bright blue. Packet 10c.
2741 Rich crimson. Packet 10c.
2742 Deep rose pink. Packet 10c.
2745 Choicest mixed. Oz. 25c, packet 10c.
3210 Imperialis Choicest Mixed (Imperial Japanese Morning Glory). Undoubtedly the handsomest of all morning glories. Oz. 25c, packet 10c.



Morning Glory



French Marigold

LINUM

Ly'-num (Scarlet Flax)

Fr. Lin Sp. Lino de Flor Carnesi Ger. Roter Prachtlein

3292 Grandiflorum Rubrum. A brilliant and attractive annual of long duration. Sown in permanent location in fall for early spring bloom or sow in spring for summer blooming. Flowers bright scarlet, abundantly produced. Oz. 40c, packet 10c.
3291 Perenne (Perennial Flax). Bright blue. Packet 10c.
3293 Flavum. Produces masses of golden yellow flowers throughout the summer. Perennial. 1-2 feet. Pkt. 10c.

LUPINUS

Leu-py'-nus (Lupine)

Fr. Lupin Ger. Wolfsbohnen
The annual Lupines are easily grown, free flowering plants 2 to 3 feet high, useful for beds, borders and for cutting. While they seem to prefer a little shade, they are very easy to grow in any ordinary soil or situation. Sow in spring or fall preferably where they are to bloom.
3313 Dark Blue.
3314 Light Blue.
3321 Nanus Dwarf Blue. 1 to 1½ ft. high.
3316 Rose.
3312 White.
3320 Choice Annual Mixed. 35c per oz.
Price: Any of the above 10c per pkt.
3318 Mixed—Hartwegii Giants. Pkt. 20c.
3322 Polyphyllus Mixed. Effective perennials 3 ft. in height in all shades of blue, rose and white. Packet 15c.

LYCHNIS

Lik'-nis (lychnis) (Jerusalem Cross)

Fr. Croix de Jerusalem Ger. Brennende Liebe
3327 Chalcedonica. Very brilliant hardy perennial 2 to 3 feet high, flowers vivid scarlet. Packet 10c.
3328 Haageana Hybrids. Superb shades of orange, crimson, etc., height 1½ ft. Per packet 10c.

MATHIOLA

Mat-thy'-o-la (Night Scented Stock)

Fr. Matthiola

3354 Bicornis. A delightful free flowering annual ½ ft. in height. Flowers are purple, not very showy, but are noted for their entrancing fragrance emitted during the evening. Packet 10c.



Double Gleam Nasturtiums

MIMULUS

Mim'-cu-lus
(Monkey Flower)

Fr. *Mimulus* Ger. *Wassergaukler*
Brilliant perennials for bedding in partial shade or pot culture. They bloom the first year if started early. The seed is fine and should be sown in seed pans and very lightly covered. Height 1½ feet.
3383 *Cardinalis* (Scarlet Monkey Flower). Rich dark red. 2 pkts. for 25c, packet 15c.
3385 *Tigrinus Grandiflorus*. Superb spotted and tigered strain, large flowered. Mixed. 2 pkts. for 25c, packet 15c.
3384 *Moschatus* (Musk Plant). Small yellow flowers, attractive for pots or baskets. Foliage musk scented. 2 packets for 25c, packet 15c.

NEMESIA

Ne-mee'-si-a

Fr. *Nemesia* Ger. *Elfen Spiegel*
A very useful annual. Sometimes called the Baby Snapdragon. Colors include rose, yellow, blue, orange, etc.
3462 *Grandiflora Suttoni*. Blue. New, large flowered, blue. 1/16 oz. \$1.50, packet 50c.
3461 *Grandiflora Suttoni*. Cherry red. 1/16 oz. 75c, packet 35c.
3457 *Grandiflora Suttoni*. Orange. 1/16 oz. 75c, packet 35c.
3458 *Grandiflora Suttoni*. Rose. 1/16 oz. 75c, packet 35c.
3459 *Grandiflora Suttoni*. Scarlet. 1/16 oz. 75c, packet 35c.
3460 *Grandiflora Suttoni* Mixed. A very pretty and effective annual 1 ft. high, used for beds and low borders and edging. The flowers are not unlike a miniature Snapdragon and appear in shades of rose, yellow, orange, blue, etc. ¼ oz. 75c, packet 25c.

NICOTIANA

Ni-koh-shi-ay'-na

Fr. *Tabac* Ger. *Ziertabak* Sp. *Tabaco*
3467 *Affinis* (Tuberose-flowered Tobacco). Free flowering annuals with deliciously scented tubular white flowers, growing 2 to 3 ft. in height. ½ oz. 30c, packet 10c.
3470 *Sanderae Hybrids*. Large flowering hybrids. Very showy, in a great variety of colors. ¼ oz. 30c, packet 10c.

NIGELLA

Ny-gel'-la
(Love-in-a-Mist)

Fr. *Nigella* Ger. *Jungfrau in Grunen*
Cheveux de Venus Sp. *Agenuz*
3475 *Damascena* Double Mixed. Compact free-flowering annuals with finely cut foliage and curiously formed flowers and seed pods. Easily grown anywhere from seed sown in the open in the spring. ¼ oz. 25c, packet 10c.
3473 *Miss Jekyll*. A distinct and lovely sort with rich cornflower blue flowers, good for cutting. 18 inches. ¼ oz. 25c, packet 10c.

NIEREMBERGIA

Nee-rem-ber'-gi-a
Fr. *Nierembergia*

3471 *Calycina* (Gracilis). Graceful perennials 1 to 1½ ft. used for hanging baskets, rock work or bedding. Flowers lavender. Per packet 15c.

CRISP LEAVED NASTURTIUMS

Nas-tur'-shi-um

Fr. *Capucine* Ger. *Kapuzinerkresse* Sp. *Capuchina*
Mastuerzo

For color, length of bloom, ease of culture and general usefulness in the flower garden the Nasturtium has no equal. Where winters are mild as in Southern California Nasturtiums may be sown practically any time and within a few weeks the brilliantly colored flowers begin to appear, continuing in bloom the entire season. They are usually sown where they are to bloom and the seed is covered about 1 inch with soil.

DWARF SORTS OR TOM THUMB NASTURTIUMS

3432 *Bronze*. Deep bronze yellow.
3436 *Empress of India*. Crimson with dark foliage.
3437 *Golden King*. Rich golden yellow.
3438 *King of Tom Thumbs*. Deep rich scarlet with dark foliage.
3439 *King Theodore*. Dark maroon red, dark-leaved.
3441 *Lady-Bird*. Golden yellow marked and spotted with crimson.
3442 *Pearl*. Cream white.
3443 *Prince Henry*. Cream marked and blotched red.
3445 *Rose*. A beautiful soft rose.
3448 *Salmon Queen or Vesuvius*. Deep salmon.
Price: Any of the above 25c per oz., 10c per packet.
Collection of one packet each of the ten sorts for 75c.
3450 *Large Flowering Dwarf Mixed*. All shades. Oz. 15c, packet 10c.

MYOSOTIS

My-oh-soh'-tis
(Forget-me-not)

Fr. *Myosotis* Sp. *Miosotis* Ger. *Vergissmeinnicht*
No Me Olvides

Handsome spring flowering perennial flowers well known and admired by everyone. They succeed best in a moist shady location. Sow in fall in seed boxes and transplant.

3393 *Alpestris Blue*. Rich blue, floriferous and effective; 9 inches. ¼ oz. 45c, packet 10c.
3401 *Oblongata Blue Bird*. Winter flowering, deep blue. May be grown in sun. Pkt. 20c.
3396 *Victoria*. Very bushy and compact with large heads of clean, azure blue flowers. Packet 15c.
3400 *Alpestris Mixed*. Many shades of blue, rose and white. ¼ oz. 45c, packet 10c.
3403 *Palustris Semperflorens* (Marsh Forget-me-not). An ever blooming strain producing numerous sprays of clear blue flowers practically all summer. 2 packets for 25c, per packet 15c.
3402 *Dissitiflora*. Large flowered dwarf variety, bright blue. 2 packets for 25c, per packet 15c.

NEPETA

3466 *Mussini*. Hardy perennial. One of the best rock garden plants. The flowers are lilac blue, 12 in. high. Pkt. 20c.

PELARGONIUM

Lady Washington Geranium
2985 *Grandiflorum*. Mixed. A beautiful perennial bedding and border plant. Shades of rose and red with darker blotches in the center. Pkt. 25c.

PASSIFLORA

A splendid perennial climber, making a permanent and more or less woody vine. The flowers are very beautiful and of great interest due to their peculiar formation.

3563 *Coerulea*. Sky blue.
3566 *Rosacea*. Carmine.
3564 *Edulis*. Lavender.
3568 *Cholceat Mixed*.
Price: Any of the above sorts ¼ oz. \$1.00, per packet 25c.

PHYSALIS

Fy'-sa-lis (Physalis)
(Chinese Lantern)

Fr. *Physalis* Ger. *Laternenpflanze*
3644 *Franchetti*. Attractive and interesting perennial, flowering the first season from seed. Especially popular for its lantern-like fruits which can be cut and dried for winter use. ½ oz. 30c, packet 10c.

DOUBLE SWEET SCENTED

3426 *Golden Gleam*. One of the most popular novelties introduced in years. The large, golden yellow double flowers are borne on erect stems 6 inches high. Pkt. 10c, oz. 30c.
3430 *Double Gleam Hybrids*. The new double sweet scented nasturtiums in a wide range of colors. Pkt. 10c, ½ oz. 20c.

Scarlet Gleam and Orange Gleam. See Novelty Section, pages 6 to 11.

GIANTS OF CALIFORNIA

Properly supported, Nasturtiums of the giant strain quickly grow to the height of eight feet or more. They make good screens, cover lattices and fences and may be used as creepers on banks, rockwork or any unsightly bare space in the landscape.
3405 *Butterfly*. Yellow spotted with salmon.
3406 *Chameleon*. Produces flowers of several different shades on the same plant.
3408 *Edward Otto*. Brownish lilac.
3411 *King Theodore*. Maroon, dark foliage.
3412 *Dunnett's Orange*. Bright orange.
3413 *Pearl or Moonlight*. Creamy white.
3417 *Schultzii*. Large bright scarlet.
3418 *Vesuvius*. A very pleasing shade of salmon rose.
3419 *Yellow*. Rich canary yellow.
Price: All the above varieties 20c per oz., 10c per packet.
3420 *Tall Giants of California Mixed*. A wonderful mixture of giant sorts. Oz. 15c, packet 10c.
3422 *Ivy Leaved Mixed*. Leaves prettily veined. Plants trailing. Oz. 20c, packet 10c.

PENTSTEMON

Pent-stee'-mon

Fr. *Pentstemon* Ger. *Bartfaden* Sp. *Penstemo*
Lovely perennials for beds, borders, etc., growing 2 or 3 feet high. Continuously in bloom, the bushy plants being a mass of flower spikes closely set with Gloxinia-like flowers in all shades of red, rose, salmon, lavender and purple. Sow the seed in fall or in the early spring in seed pans or boxes and transplant when large enough to handle.
3569 *Hartwegi Grandiflora Mixed*. Superb large flowers beautifully marked and spotted. 1/16 oz. 50c, packet 25c.
3570 *Finest Mixed*. Choice mixture of many shades; tall and large flowered. 1/16 oz. 30c, packet 10c.

PHASEOLUS

3619 *Caracalla*. A very curious vine growing about 8 feet high; flowers, lilac-purple. Per packet 15c.



GORGEOUS NEW PETUNIAS

Pe-teu'-ni-a

Fr. *Petunia* Ger. *Trichterblume* Sp. *Petunia*

The seed may be started indoors early in the year in seed boxes and later transplanted or sown out of doors in the spring. Cover very lightly and apply water with a fine spray. Be careful not to discard the smaller and weaker seedlings. From these the finest flowers are often obtained; the coarse growing plants frequently revert- ing to the common types.



Petunia Giants of California

GIANT FLOWERED RUFFLED AND FRINGED

- 3591 Elks' Pride. Very large frilled deep purple.
3592 Miranda. Beautiful ruffled large deep car- mine.
3593 Pride of Portland. Bright rose pink, ruffled and frilled.
3585 Portland Beauty. Lovely deep crimson with dark throat and distinctly veined.
3597 Scarlet Beauty. Large fringed, showy bright scar- let.
3589 Theodosia. Beautiful pink petunia. Very large frilled. Throat yellow, penciled.
Price: Any of the above 50c packet. Collection: One packet each of the above colors for \$2.25.
3607 Germain's Dwarf Giants Mixed. A new, giant-flow- ered, yet compact and dwarf growing form of the superb Petunia strain, Giants of California. Packet 50c, 1/64 oz. \$2.25.
3598 Germain's Ruffled Monsters. Extra large, heavily ruffled and fluted flowers in the greatest variety of colors; a distinct yellow throat often marked and veined lends greater depth to this marvelous strain. Per packet 35c.

3602 Ruffled Giants of California. A justly celebrated strain. Enormous ruffled and frilled blossoms in a surprising range of bril- liant colors. 1/64 oz. \$1.50, packet 25c.

SUPERB DOUBLE FLOWERING PETUNIAS

- 3606 Extra Large Double Fringed Mixed. An unrivalled strain, producing a large per- centage of perfectly double, fringed flowers of the largest size and in all the best shades. Packet 50c.
3604 Extra Select Plain Double Mixed. A superb mixture of very double, plain petal varieties, producing large flowers in many beautiful colors. Packet 35c.

PYRETHRUM

Py-rec'-thrum

Fr. *Pyrethre* Ger. *Bunte Margareten* Sp. *Piretro*

- 3755 Roseum Single Mixed. Perennial 2 feet high, with large Marguerite-like flowers and fine fern-like foliage. Graceful and long last- ing cut flowers. 1/8 oz. 40c, packet 10c.
3753 Roseum Double Mixed. Beautiful double hybrid strain. 5 packets \$1.00, packet 25c.
3752 Parthenifolium Aureum. The popular "Golden Feather," much used for low bor- ders and edging; 1 foot. 1/2 oz. 45c, per packet 10c.

POINCIANA

Poin-si-a'-na (Poinciana)
(Fence Flower)

Fr. *Poinciana*

- 3611 Gilliesii. This beautiful dwarf shrub is sometimes referred to as "Bird of Paradise"; this name is also applied (and with better authority) to *Strelitzia Reginae*, a plant which it in no way resembles. The Poinciana blossoms in one year from seed, the flowers are yellow with bright red protruding stam- ens several inches in length. 1/4 oz. 45c, per packet 25c.

PLATYCODON

Plat-i-koh'-don
(Chinese Bellflower)

- 3608 Grandiflora Mixed. Very desirable per- ennials for the hardy border. Flowers in shades of blue and white. Seed sown in April usually produces blooming plants in August. 1/8 oz. 40c, packet 20c.

PHYSOSTEGIA

(False Dragon Head)

- 3643 Speciosa. Very pretty hardy perennial growing 4-5 feet high. Flowers are of vary- ing shades of pink. Splendid for borders. Pkt. 25c.

PHLOX DECUSSATA

(Perennial Phlox)

- 3640 Handsome herbaceous perennial, a fa- vorite for the hardy border. Flowers are large, brilliant and freely produced on stems 1 to 3 feet high. Sow seeds in seed boxes during the fall and transplant. 1/8 oz. 60c, packet 20c.

DWARF BORDER PETUNIAS

- Excellent material for edging and low ribbon borders. Compact low bushes of very free flowering habit.
3605 Rose Gem. See Novelty Section, pages 6 to 11.
3584 Rosy Morn. Very popular delicate rose variety.
3582 Rose of Heaven. Rose pink.
3587 Silver Blue. Pleasing light silvery blue.
3583 Nana Violacea. Dwarf deep violet.
3581 Snowball. The compact bushes are completely covered with innumerable snow white flowers.
3574 Dwarf Border (Nana Erecta) Mixed. Price: The above varieties 1/8 oz. 60c, per packet 10c.

POLYANTHUS

(Primula Eliator)

- Fr. *Primevere des Jardins* Ger. *Gartenprimel*
Charming early flowering perennials of the primrose family. The flowers attain a height of 8 or 10 inches and are very brightly col- ored in shades of red, rose and yellow. Sow the seed in boxes in spring and transplant.
3645 Coerulea. Violet. Packet 50c.
3648 Lutea. Yellow. Packet 50c.
3649 Red. Shades. Packet 50c.
3646 Superb Large Flowered Mixed. A splen- did strain; all the richest shades in gold laced and plain colors. Packet 25c.
3647 Choice Mixed. A very fine mixture of good size and brilliant colors. Packet 10c.

PHLOX DRUMMONDI

(Texan Pride)

- Fr. *Phlox* Ger. *Flammenblumen* Sp. *Flox*
A valuable and showy annual highly esteemed for bedding, for massing and for borders. The plants grow about one foot high, thrive in practically any soil if given a sunny loca- tion and bloom the entire season. Seed may be started in boxes and transplanted or sown in the open in spring.
3620 Crimson.
3621 Bright Scarlet.
3622 Chamols Rose.
3623 Rose Pink.
3625 Flesh.
3626 Pure White.
3627 Yellow.
3628 Violet.
3632 Choice Large Flowered Mixed.
3636 Cuspidata Mixed (Star Phlox). A dis- tinct strain with pretty star shaped flowers. Price: Any of the above 1/4 oz. 60c, packet 10c.

Collection: One packet each of the eight colors.

55c

COLORFUL CALIFORNIA GARDEN COLLECTION

Contains six radiant annuals that should be found in every flower garden.

- California Poppy Asters
Zinnias Cosmos
Marigolds Sweet Peas
Six 10c packets and one 15c packet of plant food tablets, 75c value, for 50c, postpaid.

LARGE SINGLE BEDDING PETUNIAS

- 3577 Brilliant Rose.
3576 Crimson Red.
3579 Dark Violet Blue.
3580 Pure White.
3594 Howard's Star. Crimson with five- pointed white star.
Price of the above: 1/8 oz. 50c, packet 15c.
3599 Germain's Select Bedding Mixed. A re- markably fine large flowered strain in well- balanced mixture of bright and delicate shades. Recommended for beds and borders where abundant bloom and variety of color is desired. 1/4 oz. 75c, packet 15c.
3600 Good Single Mixed. A vigorous strain, easily grown anywhere. Many bright and attractive colors. 1/4 oz. 45c, packet 10c.

PORTULACA

Por-tu-lak'-a
(Sun Plant or Rose Moss)

Fr. *Pourpier* Ger. *Portulakroschen*
Sp. *Flor de Seda*

Brilliantly colored and effective low bedding plant, about 6 inches high and with fine fol- iage giving a mossy effect. Annual, very free blooming and delights in sunny situation. Sow the seeds very shallow in the open in spring and keep moist; a light loamy soil is best.

Single Varieties

- 3703 Rich Crimson.
3704 Soft Pink.
3705 Bright Scarlet.
3706 Pure White.
3707 Golden Yellow.
Price of any of the above varieties 1/8 oz. 35c, packet 10c.
3710 Finest Single Mixed. Including all shades of red, rose, yellow and white. 1/4 oz. 45c, packet 10c.

Double Varieties

- 3713 Double Golden.
3714 Double Pink.
3716 Double Scarlet.
3717 Double White.
Price of the above 5 packets \$1.00, per packet 25c.
3720 Choice Double Mixed. A superb strain containing many fine shades and a large per- centage of doubles. 1/8 oz. 75c, packet 15c.



DAINTY PETAELED POPPIES

Fr. Pavot Ger. Mohn Sp. Adormidera
Coquelicot Amapola

Well known favorites of the easiest culture. Invaluable for the annual flower section of any garden. The plants grow 2 to 3 feet high producing freely over a long period lovely, broad petaled flowers of delicate satiny texture and in the most exquisite shades. Sow in fall or early spring, cover very lightly and press firm. Plant them where they are to bloom as they do not transplant readily and when large enough thin them out to stand about 6 inches apart.

SINGLE ANNUAL VARIETIES

Fr. Coquelicot Ger. Gartenmohn
3651 Admiral. Large single white with broad scarlet edge. Oz. 50c.
3652 Danebrog (Danish Cross). Bright scarlet with a white cross in center. Oz. 45c.
3654 Miss Sherwood. White shading to chamois rose. Oz. 45c.
3661 Tulip or Flanders Poppy. Vivid scarlet. 1/2 oz. 45c.
3658 Shirley Rose Pink. A very beautiful delicate rose shade, exquisite large flowers. 1/2 oz. 40c.
3656 American Leglon. A greatly improved variety of the true Flanders Poppy. Dazzling orange scarlet. 1/2 oz. 30c.
Collection: One packet each of the above 6 sorts 45c.
3670 Single Varleties Mixed. Oz. 40c.
Price: Any of the above 10c per packet.

DOUBLE ANNUAL POPPIES

The double annual Poppies produce enormous fully double flowers 3 to 4 inches across and are valuable for cutting as well as splendid garden subjects. 3 feet.

3674 Bright Rose.
3676 Cherry Red.
3677 White Swan.
3653 Mikado. Red and white striped.
3680 Carnation Flowered Mixed.
Price: Any of the above per oz. 40c, per packet 10c.
Collection of the five sorts for 40c.
3681 Peony-Flowered Mixed. Large, showy, double globular Peony-like flowers. Oz. 40c, packet 10c.

DOUBLE SHIRLEY OR ELDORADO

3687 Dazzler. Vivid orange-scarlet begonia-like poppy. About 2 1/2 feet high. Pkt. 20c.
3684 Sweet Briar—Double Shirley. Packet 20c.
3683 Double Eldorado. Salmon. Packet 25c.
3682 Double Eldorado. Pink. Packet 25c.
3685 Double Eldorado. Mixed. Many beautiful shades. 1/4 oz. 35c, packet 10c.
3688 New Shirley Double Queen (Ranunculus Flowered Shirley). A beautiful strain rich in vivid colors. 1/4 oz. 50c, packet 25c.



Silene

SILENE

Sy-lee'-nee
(Campion, Catchfly)

Fr. Silene Ger. Leimkraut
3833 Armeria (Catchfly). Strong growing annual, 1 to 1 1/2 feet high, with large heads of intense rosy red flowers which are spiced-scented. Good for cutting. 1/2 oz. 30c, per packet 10c.
3834 Pendula Flora Plena. Flowers fully double, bright rose, borne in great profusion on compact plants. 9 inches high. Makes a handsome carpeting between spring bulbs. Per packet 10c.

GERMAIN'S IMPROVED SHIRLEY

3665 Germain's improved strain of this lovely type includes an almost endless variety of delicate pink, salmon and chamois shades deepening through old rose and soft red to terra cotta, many of the flowers being also suffused with a second shade giving an exquisite two-tone effect, while others still are edged or striped and hardly two flowers can be found exactly alike. 1/2 oz. 30c, per packet 10c.

ICELAND POPPY

(Papaver Nudicaule)

Fr. Pavot d'Islande Ger. Island-Mohn
Graceful hardy perennials with bright green fern-like foliage, formed in tufts, from which issue slender stalks about 15 inches high bearing brilliant flowers in endless profusion. If sown early in spring they will bloom the first summer. They may be started in seed pans or in the open and thinned or transplanted. Seed pods should be removed regularly to prolong the blooming period.
3696 El Monte. Tangerine orange. Pkt. 15c.
3697 Pure White. Packet 10c.
3698 Bright Yellow. Packet 10c.
3700 Iceland Poppies Mixed. 1/4 oz. 60c, per packet 10c.
3701 Iceland Sunbeams. A remarkable new strain of Iceland Poppies with fine new shades, longer stems and of excellent keeping quality. Very desirable for cutting. 5 packets \$1.00, packet 25c.
3689 Bracteatum (Tounefort Poppy). A perennial of strong growth, 3 feet in height, bearing large showy flowers of rich crimson. 1/4 oz. 45c, packet 10c.

PERENNIAL ORIENTAL POPPIES

Fr. Pavot de Tounefort Ger. Orientalischer Mohn
Perennials 3 to 4 feet high with stout leafy stems bearing very large richly colored flowers with dark centers. Sow the seeds in spring or early fall in boxes or in the open and later transplant to 18 inches apart.
3691 Orientale Dark Red. 1/4 oz. 50c, per packet 10c.
3695 Orientale New Hybrids Mixed. Immense showy flowers in rich and vivid shades. 1/4 oz. 60c, packet 15c.

SPECIAL OFFER

Germain's Dainty Poppies. Seven selected sorts in annual and Perennial varieties, a full display through the summer. 50c.

RICINUS

Ris'-in-us
(Castor Bean)

Fr. Ricin Ger. Wunderbaum Sp. Tartago
3759 Cambodgiensis. Dark stems and highly colored leaves; oz. 45c, packet 10c.
3763 Red Spire. Enormous spikes of brilliant rosy salmon flowers; pretty bronzy-green foliage; 6-7 feet. Pkt. 10c; oz. 25c.
3761 Sanguineus. Blood red stems, bronze leaves and red fruit clusters; oz. 40c, packet 10c.
3762 Zanzibariensis. Very large leaves. The plants grow to great size and appear in various shades of red and bronze green; oz. 30c, packet 10c.

RUDBECKIA

Rud-bek'-i-a
(Cone Flower)

Fr. Rudbeckia Ger. Sonnenhut
Sp. Resplendor dorado
3776 Bicolor Superba Semi-plena. Attractive annual, 2 to 3 feet, bearing masses of semi-double golden yellow flowers very useful for cutting; 1/4 oz. 30c, packet 10c.

RANUNCULUS

Ra-nun'-keu-lus

Fr. Renoncule Ger. Habnenfuss
3760 New California Giant Strain. In separate red shades, yellow shades or all colors mixed. Packet 50c.
3757 Germain's Giant French Mixed. Beautiful perennial, 12 to 15 inches high, bearing in spring quantities of double and semi-double flowers in all shades of red, rose, orange and yellow. Excellent cut flower. If sown early they bloom the first season. 1/4 oz. 50c, packet 10c.

REHMANNIA

3758 Angulata. Bright rose. Packet 35c.



Shirley Poppy

PRIMULA

Prim'-eu-la
(Primrose)

Fr. Primevere Ger. Primeln Sp. Primavera
Schlüsselblume

All strains of this early flowering perennial are very beautiful. Several, such as Obconica, Malacoides and the English Primrose may be grown in the open in California. The Chinese Primroses are splendid pot plants for indoor culture. Sow the seed in August or September in seed pans of rich loam mixed with sand, cover the seed very lightly and keep in greenhouse or frame. 9 inches.

FRINGED CHINESE PRIMROSES

3739 Chinensis Gigantea Fimbriata. Extra large choicest Chinese fringed mixed. 1/64 oz. \$1.50, packet 50c.
3740 Chinese Fringed Mixed. Containing all shades from white and rose to deep crimson. Flowers very large and prettily fringed. 5 packets \$1.00, packet 25c.

PRIMULA OBCONICA

3723 Muller's Rose. Extra large rose shades. Packet 50c.
3725 Muller's Brilliant Red. Superb giant flowered. Packet 50c.
3722 Coerulea. Blue. Medium sized blue flowers. Packet 50c.
3730 Obconica Gigantea. Very free flowering and of easy culture. Sow in fall or early spring in seed pan, using porous loam, but avoid peat or leaf mold. Keep indoors or in greenhouse. The flowers are large and showy in shades of red, rose, soft pink and white. 5 packets \$1.00, packet 25c.

MALACOIDES

(Baby Primrose)

3745 Carmine Pink. (New). A fine deep carmine. Packet 50c.
3746 Alba. White. Packet 35c.
3747 Rosea Superba. Fine rose. Packet 35c.
3748 Malacoides Mixed. Packet 25c.
3744 Malacoides (The Baby Primrose). A great favorite both for in and out-door culture in mild climates. Blossoms in clusters of numerous minute lilac flowers, about one foot high. 1/32 oz. \$1.20, packet 20c.
3749 Vulgaris (English Primrose). Old favorite, canary yellow. Packet 20c.

ENGLISH PRIMROSE. See also Polyanthus.

VELVET FLOWERED SALPIGLOSSIS

Sal-pi-glos'-sis

SEPARATE SHADES

Fr. *Salpiglossis* Ger. *Trompetenzunge*
Sun-loving, velvet-petaled annual 2½ feet in height. The richly colored, trumpet shaped flowers are produced in the greatest profusion throughout the season and are magnificent for summer bedding in sunny locations. The plants are easily grown from seed sown in the open in spring or earlier in boxes and transplanted. Space about 1 foot. Splendid for cutting.

NEW RED SALPIGLOSSIS

3789 **Velvety Red.** A new red variety with all the glowing brilliancy of red velvet. Self colored with large wide open flowers. Very showy in beds or borders. Packet 15c.

- 3778 Chamois.
3779 Crimson, veined with gold.
3783 Purple, netted and penciled with gold.
3782 Deep Maroon.
3784 Rose, veined with gold.
3786 White, veined and penciled with gold.
3787 Golden Yellow.

Price: Any of the above ¼ oz. 30c; per packet 15c.

Collection: One packet each of the seven colors for 75c.

3788 **Germain's Gloxinia Flowered Mixed.** All shades beautifully veined and mottled. ¼ oz. 35c, packet 10c.

SCABIOSA OR MOURNING BRIDE

Ska-bi-oh'-sa

Fr. *Scabieuse* Ger. *Grindkraut* Sp. *Alfiletero Escabiosa*

Sweet Scabious also known as "Pincushion Flower" is a well known favorite and one of the best of the "old fashioned" flowers. In its present-day form it ranks with our most valuable garden annuals. The flowers are large, fully double, sweet scented, very freely produced and splendid for cutting. The plants attain a height of 2 to 3 feet and are easily grown in any ordinary soil. Sow in boxes and transplant or in the open in spring.

GIANT STRAIN

- 3817 **Loveliness.** Tall and vigorous. Very large and double, a glorious new shade of delicate salmon rose. ¼ oz. 50c, packet 25c.
3810 **Peach Blossom.** Extra large in size, long stems and very double. Color a beautiful peach blossom pink. An excellent cut flower. ("Highly commended." R. H. S.) ¼ oz. 40c, packet 10c.
3815 **Shasta.** A pure white of enormous size. The flowers measuring three and a half inches across with extremely long stems. ¼ oz. 40c, packet 10c.
3826 **Giant Hybrid Mixed.** Packet 25c.

GRANDIFLORA

- 3805 **Azure Fairy.** Clear lavender blue.
3806 **Cherry Red.** Bright cerise red.
3812 **Maroon.** Velvety dark purple-red.
3813 **Bright Rose.** Brilliant rose-pink.
3814 **Snowball.** Pure white.
3820 **Choice Mixed.** Containing all shades.
Price: All the above varieties, per pkt. 10c; ¼ oz. 20c.
Collection: One packet each of 5 colors, 40c.
3824 **Caucasica Perfecta** (Perennial Scabious). Soft lavender blue, one of the most beautiful of hardy perennials, especially esteemed for cutting; 5 packets for \$1.00, packet 15c.

SMILAX

3837 **Asparagoides.** A splendid very graceful perennial climber much used for decorating and festooning. ¼ oz. 35c, packet 10c.



3822 **Isaac House Giant Hybrids.** A wonderful new strain of perennial Scabiosa. Flowers exceptionally large and appearing in many beautiful shades of lavender blue. Packet 20c.

3803 **Columbaria Pink Enchantress.** This lovely pink shade is something entirely new in a perennial Scabiosa. The flowers measure from two to three inches across. They are shaped like the caucasica type and their keeping quality is excellent. Packet 15c.

3804 **Columbaria Lavender.** A delicate and pleasing lavender blue. Packet 15c.



Schizanthus

SCHIZANTHUS

Skiz-an'-thus

(Butterfly or Fringe Flower)

Fr. *Schizanthus* Sp. *Esquisanto* Ger. *Spaltblume*
Flor de Mariposa

This exquisite flower has long been cultivated and admired as a pot plant in England and other parts of Europe. It is very valuable here too for this purpose and makes a delightful house or conservatory plant during the winter and early spring, but it is as an out-door summer plant that it has gained its greatest popularity in America. The seed may be sown in seed boxes and transplanted or in the open in spring where it germinates quickly, coming into bloom in a few weeks from sowing. 1½ to 2 feet.

3827 **Extra Select Large-Flowered Mixed.** A wonderful strain, forming well branched bushes 2 feet high and covered with innumerable blossoms in the choicest variety of colors. 5 packets \$1.00, packet 25c.

3828 **Wisetonensis Mixed.** Many splendid shades, long and profusely blooming plants with dainty, finely-cut, fern-like foliage. 1½ to 2 feet high. ¼ oz. 65c, packet 15c.

3830 **Choice Mixed.** Excellent strain in many fine shades. ½ oz. 40c, packet 10c.

STREPTOCARPUS

Strep-to-kar'-pus

Fr. *Streptocarpus* Ger. *Cap. Veilchen*

Well known greenhouse plants of the old world which, however, are quite successful in the open ground during the summer in California. Flowering plants are obtained in June or July from seed started in pans or boxes under glass in February or March.

3850 **Kewensis Mixed.** Large flowered in many bright shades of pink, mauve, crimson and white. The lovely tubular flowers, held well above the foliage, grow 10 to 12 inches in height. 5 packets \$1.00, packet 25c.

Streptocarpus



Salpiglossis

FLAMING SALVIAS

Sal'-vi-a

(Flowering Sage)

Fr. *Sauge* Ger. *Prachtsalbei* Sp. *Coral*

Brilliant subjects for summer bedding and border planting, flowering freely throughout the season. Although perennial they bloom quickly from seed. Sow early indoors or in hot bed and transplant in spring or may be sown out doors in April or May and thinned to 15 inches apart. An open sunny location is best but succeeds also in partial shade.

3791 **Splendens Harbinger.** The earliest scarlet. The plants are compact, dwarf with strong dark foliage which is very effective against the vivid hue of the flowers. Packet 25c.

3800 **Azurea Grandiflora.** Sky blue and one of the very best. Has a definite place in the garden and lovely in bouquets. Packet 15c.

3792 **Splendens (Scarlet Sage).** Bright fiery scarlet, one of the most effective and showy of all bedding plants. 2 feet. Packet 10c.

3793 **Bonfire.** Similar to the above but more compact and bushy. 1½ feet. Packet 10c.

3795 **Farinacea.** Bright light blue. A fine border perennial 3½ feet tall. Packet 15c.

3796 **Farinacea Blue Bedder.** A more compact form than the original type with deeper blue flower. Packet 15c.

3794 **Patens.** Navy blue. Splendid species for permanent border where heavy frost is not feared. 2½ feet. Packet 15c.

SAPONARIA

Sa-poh-nair'-i-a

(Bouncing Bet)

Fr. *Saponaire* Ger. *Seifenkraut*

3799 **Multiflora (Calabrica).** Pretty annual, 9 inches high, bearing star-shaped flowers in shades of pink and white, valuable for bedding, rockwork, etc. ½ oz. 45c, packet 10c.

SANVITALIA

San-vi-tay'-li-a

(Trailing Sunflower)

Fr. *Sanvitalia* Ger. *Schwarzknopschen*

3797 **Procumbens Fl. Pl.** Free blooming trailing plants for beds, rockeries, etc. Very double, golden yellow. Packet 10c.



ANNUALS IN THE GARDEN

By H. Stuart Orloff, L. A.

Gives suggestions for the use of these popular plants. It contains full instructions for growing annuals. Illustrated with photographs, and seventeen interesting landscape plans. \$1.25.

Germain's Giant Double Stocks



GIANT PERFECTION OR CUT-AND-COME-AGAIN STOCKS

Perpetual blooming class especially valuable for summer garden display and the wealth of cut flowers which may be gathered from them over a period of several months. As the flowers are cut they throw out numerous side branches, all bearing very double, exquisitely scented flowers. 2 feet.
 3927 Sapphire. Dark blue or violet.
 3929 Brilliant. Fiery crimson.
 3928 May Queen. Delicate lilac blue.
 3932 La France. Rose.
 3934 Empress Augusta Victoria. Silvery lilac.
 3936 Princess Alice. Pure white.
 3938 Creole. Creamy yellow.
 3940 Cut and Come Again Mixed.
 Price of the above, 1/4 oz. 75c, per packet 15c.
 Collection of one packet each of the seven colors, 80c.

LARGE FLOWERING TEN WEEK STOCKS

Our improved strain of this popular summer stock is especially suited for summer bedding and is also valuable for cutting. The plants attain a height of 12 to 15 inches, are very free flowering and come into bloom quicker than any other type.
 3942 Flesh Color. 3945 Bright Rose.
 3943 Bright Blue. 3947 Pure White.
 3949 Blood Red. 3948 Yellow.
 3944 Purple. 3950 Finest Mixed.
 Price: 1/8 oz. 45c, per packet 10c.

SIDALCEA

3836 Rose Queen. Graceful perennial with hollyhock-like flowers. Suitable for sunny borders. Flowers are a bright rose pink. Height 2-3 feet. Pkt. 15c.

STACHY'S

(Lamb's Ear)

3839 Lanata. Very striking silvery leaved plant, useful for edgings and rock gardens. A robust grower, withstanding heat and drought. Hardy perennial. Height 6 in. Pkt. 15c.

SOLANUM

Soh-lay'-num

Fr. Pommier d'Amour

3838 Capsicastrum (Jerusalem Cherry). Dwarf, compact shrub-like perennial. A very popular pot plant for winter decoration and especially admired for its bright orange berries. 1/4 oz. 25c, packet 10c.

Germain's California Grown stock seed is unsurpassed in quality anywhere on earth. A series of very rigorous trials has established this fact without question. These strains have obtained the highest honors in England and have been highly commended by the Royal Horticultural Society of Great Britain. We recommend them unreservedly, knowing that they are superior in point of size, color and percentage of doubles, the flowers frequently appearing over 80 per cent fully double.

Stocks are of inestimable value both for garden and home decoration. For brilliancy and diversity of color, fragrance, profusion and duration of bloom they are unequalled. For winter blooming sow in July and August. Seed sown in February or March will make a splendid display in summer.

Use light well prepared soil in seed pans, cover seed about 1/8 inch with soil, water carefully and keep shaded until seedlings appear.

EARLY GIANT IMPERIAL STOCKS

A superb new strain of early flowering habit, equally successful for winter or summer flowering. The heavily branched plants 2 1/2 feet high bear a profusion of well furnished spikes with very double, fragrant flowers of the largest size.

3874 Antique Copper. Rich Hellebore red overlaid with copper, giving a pleasing antique copper effect.

3875 Apple Blossom. Delicate soft pink.

3876 Fiery Blood Red. Bright and vivid shade.

3879 Chamois. Ivory tinted old rose.

3881 Dark Blue. Deep purple blue.

3882 Elks' Pride. True royal purple. Individual flowers, very large, tall stem, fine for cutting.

3883 Golden Rose. A rich light rose enhanced by a pleasing golden effect in the center of each individual flower.

3884 Lavender. Lavender blue.

3886 Deep Rose. Rich rose pink.

Price: Any of the above, 6 packets for \$1.00, per packet 20c.

3890 Giant Imperial. Choice mixed. Pkt. 15c.

GIANT WINTER NICE STOCKS

The large double blossoms very freely produced and long stems are of the greatest value for cutting in winter and are grown in quantity by florists for this purpose. They are also admirable in the garden throughout the winter and early spring in California and other states enjoying mild winters or may be flowered in the home or conservatory where rigorous temperatures are expected.

3894 Almond Blossom. White, shaded pink.

3895 American Beauty. Deep rose pink.

3891 Aurora. Rosy chamolts.

3892 Abundance. Carmine pink.

3896 Souvenir de Monaco. Rich crimson.

3897 Beauty of Nice. Delicate pink.

3898 Belle de Naples. Old rose.

3899 Cote d'Azur. Lavender blue.

3901 Summer Night. Dark blue or purple.

3902 Queen Alexandra. Rosy lilac.

3904 Salmon (Souvenir de Nice).

3907 Mont Blanc. Pure white.

3908 Monte Carlo. Yellow.

3910 Giant Winter Nice Mixed.

Price: Any of the above varieties 1/8 oz. 60c, per packet 15c.
 Collection: One packet each of the 10 colors for \$1.25 or six separate colors (our selection) for 75c.

SPECIAL MIXTURE

of Annual Flower Seeds

4170 A mixture containing dozens of species and hundreds of different varieties of the most desirable garden flowers. Not native wild flowers but all improved cultivated sorts. The mixture is ideal for naturalizing in vacant spots, for a cut flower bed in a corner of the garden and is of the greatest interest to children who quickly learn to pick out and name the well known sorts in the multitude that spring up. Very reasonable in price. Per lb. \$2.50; 1/4 lb. for 75c; oz. 25c; packet 10c.



Column Stocks

GERMAIN'S COLUMN OR EXCELSIOR STOCKS

A new type which has recently attracted a great deal of attention. Each plant produces one enormous spike with very large flowers. There is practically no side growth, the entire vigor of the plant being concentrated in the production of one huge spike.

3914 Illusion. Bright crimson.

3915 Brilliant. Vivid rose.

3917 Lilac Queen. Silvery lilac.

3921 Excelsa. Pure white.

3924 Column or Excelsior Mixed.

Price: 1/16 oz. \$1.00; per packet 35c.

ENGLISH WINTER OR BROMPTON STOCKS

A biennial strain, of branching habit, hardy and of sturdy growth. In England they are started from seed in June and July and wintered over for spring and early summer bloom.

3951 Crimson King. Rich red.

3952 Egyptian Rose. Rose pink.

3953 Violetta. Violet purple.

3954 White Lady. Pure white.

Price: Any of the above, 1/16 oz. 50c; per packet 25c.

3956 Brompton or English Mixed. Pkt. 20c; 1/16 oz. 45c.

SOLIDAGO

Sol-i-day'-go
(Golden Rod)

Fr. Verge d'or

Ger. Goldrute

3841 Canadensis. Tall growing perennial, very useful for background or high screen plantings. 5 to 6 feet. Produces in the fall a profusion of tall golden sprays very desirable for cutting. 1/8 oz. 30c, packet 10c.

STEVIA

Stee'-vi-a

Fr. Stevia

Pretty annuals about 2 feet in height bearing dense sprays of tiny flowers, very decorative for mixing with other flowers.

3845 Serrata. Pure white flowers. 1/8 oz. 65c packet 15c.

3843 Purpurea. Purple flowers. 1/8 oz. 45c packet 15c.

IMPERIAL COLLECTION OF STOCKS

Popular for bedding or cut flowers, colors include the following desirable shades:

Flesh Pink	Bright Rose
Bright Blue	Purple
Blood Red	Pure White

Six 10c packets and one 15c packet of Plant food tablets, 75c value, for 50c, postpaid.



Rhodanthe Maculata

STRAW FLOWERS AND IMMORTElLES

Everlasting Flowers are greatly admired and highly prized for winter bouquets. They should be cut when partially expanded, and hung with the heads downward until thoroughly dry.

ACROCLINIUM

Pretty daisy-like flowers, useful for bouquets either fresh or when dried. Annual 1 to 1½ ft. high.
2005 Double Pink. Packet 10c.
2006 Double White. Packet 10c.
2010 Double Mixed. Oz. 75c, packet 10c.

GLOBE AMARANTH (Gomphrena)

Good bedding plant 2 feet high with flowers resembling clover heads, which can be dried for winter use.
3034 Purple. Pkt. 10c. 3036 Rose. Pkt. 10c.
3032 Flesh. Pkt. 10c. 3038 White. Pkt. 10c.
3040 Fine Mixed. Height 1 ft. Oz. 60c, per packet 10c.

HELICHRYSUM (Straw Flower)

The rich brilliant colors are effective in beds and borders and are extensively grown for drying. Annual, 2½ ft.

3131 Double Brown.	3141 Double White.
3134 Double Crimson.	3142 Double Purple
3137 Double Pink.	3144 Double Yellow
3138 Double Salmon-Rose.	3145 Double Mixed.

Price: The above ½ oz. 45c, packet 10c.

RHODANTHE (Swan River Everlasting)

Charming annual. 1 ft. high.
3767 Double Rose. Packet 10c.
3772 Double Mixed. Packet 10c.

STATICE (Sea Lavender)

Very popular cut flowers, fresh or dried. 1½ to 2 ft. The Sinuata type is annual, others are perennial.

3855 Sin. Dark blue.	3853 Sin. White.
3854 Sin. Lavender.	3852 Bonduelli. Yellow.
3858 Sin. Rose.	
3860 Sinuata. Mixed.	Oz. 30c.
3870 Suworowii. Slender spikes, bright rose.	
3862 Caspia. Feathery spikes lavender blue.	
3864 Latifolia. Panicles of minute lavender flowers.	

Price: All the Above, 10c per Pkt.

XERANTHEMUM (Immortelle)

It grows to 2 or 3 ft., bearing an abundance of bright rose, purple and white flowers.

4080 Choice Double Mixed. Packet 10c.

EVERLASTING FLOWERS MIXED

The Everlasting Flowers, Strawflowers or Immortelles are interesting when grown in a mixed bed in the garden, they are also useful and colorful in the home during the winter months. Our mixture contains all the species described above.

4185 Everlasting Flowers Mixed.

Per Pkt. 10c; ¼ oz. 25c.

SWEET WILLIAM

Fr. *Oeillet de Poete* Ger. *Bartnelken*
Sp. *Clavel de los poetas*

Vigorous, free flowering perennial with large showy flower heads in bright attractive colors abundantly produced in spring. Very effective bedding and border plant blooming at a time when flowers are not as yet too plentiful. Height 15 to 18 inches. Sow in spring or early summer, flowers appear following spring.

3962 Pink Beauty. A beautiful variety of recent introduction. Flowers very large. Salmon rose. ¼ oz. 45c, packet 15c.
3964 Scarlet Beauty. A fine companion variety to the foregoing, very large and showy scarlet red. ¼ oz. 45c, packet 15c.
3966 Single Dark Crimson. Intense dark red. ¼ oz. 45c, packet 15c.
3968 Single Pure White. ¼ oz. 45c, packet 15c.
3970 Large Flowered Single Mixed. ½ oz. 45c, packet 10c.
3975 Extra Large Double Mixed. Produces large double flowers in the most vivid shades. ¼ oz. 45c, packet 15c.
3972 Annual Single Mixed. A fine mixture, blooming the first year from seed. Pkt. 10c; ¼ oz. 50c.

TAGETES

3983 Signata Pumila. Very attractive low border annual 9 inches high with beautiful fern-like foliage; a dwarf Marigold densely covered with bright golden yellow flowers over the entire season. ¼ oz. 40c, packet 10c.

THALICTRUM

Tha-lik'-trum

Fr. *Pigamon* Ger. *Wielandskraut*
3982 Diptercarpum. Tall growing, exceedingly graceful perennial producing freely its elegant sprays covered with myriads of diminutive rosy lilac flowers, valuable and charming when cut. 5 packets \$1.00, packet 25c.

THUNBERGIA

3984 Alata Mixed. Flowers in shades of orange, buff, white, etc., with very dark eye. ¼ oz. 50c, packet 10c.
3990 Gibsoni. A beautiful vine with large brilliant orange flowers. Blooms almost all the year round in warm locations. Pkt. 25c.

TORENIA

To-ree'-ni-a

Fr. *Torenia* Ger. *Schnappmaulchen*
3986 Fournieri. Annual, 1 foot high, covered the entire season with a mass of flowers, bright blue with yellow center. Packet 15c.

TITHONIA

3985 Speciosa. Known as the Mexican Sunflower, this striking orange flower is usually grown as an annual and is very successful in California. Its height, habit and the shape of its flowers remind one of a single Dahlia. Packet 20c.



Sweet William

TRITOMA

Tri-toh'-ma

Fr. *Tritoma* Ger. *Fackellilie*
3989 Early Flowering Hybrids. A showy perennial known as "Red Hot Poker" and producing many tall spikes of orange and yellow flowers. Packet 20c.

URSINIA

3994 Anethoides. Height about 10 inches. Deep orange flowers with dark purple zone around the center. Stems are long and the flowers are desirable for cutting purposes. Being a native of South Africa it thrives in Southern California and similar climates. Annual. Pkt. 25c.

VITTADINIA

4051 Triloba. ¼ oz. 40c, packet 15c.

GARDENING IN CALIFORNIA

By Sydney B. Mitchell

The standard work for California garden makers, but useful also to those throughout the country who are growing the western native plants and bulbs. A mine of information on garden planning, care and plant materials, with a chapter on rock and water gardening.

Price: \$2.50 (postage extra)

VALERIANA

Va-lee-ri-ay'-na

Fr. *Valeriane* Ger. *Baldrian* Sp. *Valeriana*
(Valerian)

Robust perennial blooming the first season from seed and bearing an abundance of showy flowers. Valuable for cutting. 3 feet.

3991 Alba. Pure white. ¼ oz. 25c, packet 10c.
3992 Cocclnea. Vivid scarlet. ¼ oz. 30c, packet 10c.
3993 Rosea. Bright rose-pink. ¼ oz. 25c, packet 10c.
3995 Choice Mixed. Containing all shades. ¼ oz. 30c, packet 10c.

VENIDIUM

3997 Fastuosum. A new plant from South Africa; very striking and showy in appearance. Foliage gray-green and feathery. The large orange yellow flowers are freely produced on vigorous spreading plants about two feet in height. Packet 25c.



Ursinia Anethoides



Verbena Stellata Violacea

GERMAIN'S VERBENAS

GIANT HYBRID VERBENAS

Fr. *Verveine* Ger. *Eisenkraut* Sp. *Hibrida*

Splendid new selections with individual flowers of suprisingly large size and exquisite colors. The plants are unusually vigorous and the immense flower trusses very freely produced.

4017 Beauty of Oxford Hybrid. Brilliant rose. Packet 20c.

4013 Royal Bouquet. Brilliant Mixed. Upright habit, 1 ft. high. Pkt. 20c.

3998 Hybrida Gigantea Firefly. Brilliant scarlet with white eye. Packet 15c.

4000 Luminosa. Glowing flame pink shading to salmon. Packet 15c.

4011 Etna. Garnet red with a cream colored eye. Packet 15c.

4005 Lavender Glory. Large lavender, with creamy white eye. ¼ oz. \$1.00, packet 15c.

4001 Hybrida Gigantea Lucifer. Intense scarlet throughout. Packet 15c.

4002 Hybrida Gigantea Mayflower. Bright rosy pink. Packet 15c.

4003 Hybrida Gigantea Stellata Violacea. Deep purple with large white eye. Packet 15c.

4004 Hybrida Gigantea Mixed. Giant sorts mixed. ¼ oz. 80c, packet 15c.

MAMMOTH VERBENAS

Vur-bee'-na

Beautiful large-flowered varieties extensively used for bedding, borders, etc., and keeping well when cut for table decoration, vases.

4006 Mammoth Rose Pink.

4007 Mammoth Dark Blue.

4008 Mammoth Defiance—Scarlet.

4009 Mammoth White.

4016 Mammoth Yellow.

4010 Mammoth Mixed.

Price: Any of the above, ¼ oz. 50c, per packet 10c.

VERBENA

4014 Erinoides (Moss Verbena). A distinct species much in demand for parking, or trailing, spreading habit and low growth, it soon covers a large area with a mass of light purple or violet colored flowers and continues in bloom almost indefinitely. ¼ oz. 45c, packet 10c.

4015 Venosa. Handsome hardy perennial, useful as a summer bedding and border plant. Rich rosy purple: 1 foot. Pkt. 15c.

VINCA

Vin'-ka

Fr. *Pervenche de Madagascar* Sp. *Vincapervinca*
Ger. *immergrun*

(Madagascar Periwinkle)

A very free and continuous blooming bedding plant with shiny light green foliage. Good cut flowers, the buds all opening in water, and valuable as a winter pot plant for the house or conservatory. Sow seed indoors early or start in the open in May.

4018 Alba. White with crimson eye.

4019 Rosea. Rosy red.

4020 Choice Mixed.

Price: Any of the above, ¼ oz. 50c, packet 10c.

VIOLA

Vy'-o-la

Fr. *Violette Cornue* Ger. *Hornveilchen*
(Tufted Pansy)

There are few bedding plants so dependable, colorful and persistent in blooming over a long period as the tufted pansies. While the individual flowers are smaller than the regular pansy, they are produced in such profusion that the beds are a sheet of bloom through the entire season. Like the pansies they are gross feeders and thrive best in light but rich soil.

4021 Apricot. Orange apricot. ⅓ oz. 75c; packet 25c.

4039 Lilac. Rosy lavender or lilac rose. ⅓ oz. 75c; packet 25c.

4038 Heavenly Blue. Lovely sky blue. ⅓ oz. 75c; packet 25c.

4027 Royal Blue. A large, deep royal blue. ⅓ oz. 75c, packet 25c.

4036 Rose Queen. Large rose. ⅓ oz. 50c, packet 10c.

4022 Blue Perfection. Clear light blue. ⅓ oz. 45c, packet 10c.

4028 White Perfection. Large pure white. ⅓ oz. 45c, packet 15c.

4025 Purple King. Rich deep blue. ⅓ oz. 50c, packet 15c.

4026 Yellow Queen. Bright golden yellow. ⅓ oz. 45c, packet 10c.

4023 Papilio (Butterfly Viola). Violet lilac with darker eye. ⅓ oz. 45c, packet 15c.

4029 Hybrida Grandiflora Mixed. New pansy-flowered Violas in mixture. ⅓ oz. 75c, per packet 25c.

4030 Tufted Pansies in Choice Mixture. ⅓ oz. 55c, packet 10c.

WISTARIA

Wis-tair'-i-a

Fr. *Glycine* Ger. *Glycine*

4068 Sinensis. A charming old-fashioned hardy climber, producing its pale blue flowers in large clusters. Packet 10c.



Rose Queen

VIRGINIAN STOCK

Fr. *Julienne de Mahon*

Pretty dwarf annual with sprays of numerous rose and white flowers.

4041 Rose Queen. 4043 White Queen.

4045 Choice Mixed.

Price of the above: ½ oz. 40c; packet 10c.

VISCARIA

Vis-kair'-i-a

Fr. *Viscaria*

Ger. *Lichtroschen*

Colorful and free-flowering annuals for borders, beds, etc., 1 ft. high. Sow in fall or spring in the open or in boxes and transplant. 4050 Oculata Finest Mixed. (Rose of Heaven). Price: All the above, ¼ oz. 30c, packet 10c.

VIOLET

Fr. *Violette*

Ger. *Veilchen*

Sp. *Violeta*

(Viola Odorata)

For this well beloved and fragrant favorite no introduction nor description is necessary—the sweet Violet is known to all. It is a true perennial and once the plants have become established they thrive for years in the same bed with little care, but like most perennials the seeds are rather slow in germinating, therefore do not disturb seed box or beds until sufficient time has elapsed. Sow in winter or early spring in light loam mixed with leaf mould. Violets succeed best in partial shade.

4033 Princess of Wales. Large and with good stems several inches in length. Packet 25c.

4032 Odorata. The popular sweet scented variety. ⅓ oz. 75c, packet 10c.

WALLFLOWER

Fr. *Giroflee Jaune, Violier*

Ger. *Goldlack*

Sp. *Aleli Amarillo*

The velvety petals of this old time favorite are rich in mellow tones of bronze, copper and buff. Excellent for winter blooming either potted indoors or in the open where the climate permits. Sow seed in spring for winter bloom or later for spring and summer flowering. Biennial. 1 to 1½ feet in height. 4056 Belvoir Castle. Golden buff. Packet 10c. 4057 Fire King. Orange carmine. Packet 10c. 4058 Harbinger. Rich copper red. Packet 10c. 4060 Choicest Single Mixed. ¼ oz. 25c, per packet 10c. 4062 Double Flowering Extra Select. A very fine strain producing large spikes of perfectly double flowers in a profusion of rich colors. 5 packets \$1.00, packet 25c.



Viola Hybrida Gr. Mixed

CALIFORNIA WILD FLOWERS



Romneya Coulteri

GERMAIN'S SOUVENIR COLLECTION—CALIFORNIA NATIVE FLOWER SEEDS

California is noted for the beauty and variety of its native flora. A number of our Native Wild Flowers have attracted the attention of horticulturists and flower lovers everywhere and have gained much in size and beauty under the cultivation and care which they have recently received. This Collection contains ten of the most outstanding varieties.

- | | |
|---|---|
| 1 Lupine Dwarf in Mixed Shades. | 6 <i>Mentzelia Lindleyi</i> (Blazing Star). |
| 2 <i>Godetia</i> (Farewell to Spring) Mixed. | 7 <i>Nemophila Insignis</i> (Baby-Blue Eyes). |
| 3 <i>Abronia</i> (Sand Verbena) Rose and White. | 8 <i>Gillia Tricolor</i> . |
| 4 California Poppy (True Deep Orange) Reselected. | 9 <i>Argemone Grandiflora</i> . |
| 5 <i>Clarkia Elegans</i> Mixed Colors. | 10 <i>Phacelia Campanularia</i> . |

CULTURAL DIRECTIONS

The varieties in this Collection are all of the easiest culture and require no special attention beyond the usual care given to other annual flowers. Work up the ground and pulverize the surface thoroughly. Sow the seed broadcast and cover or rake in lightly. The seed will germinate soon after the first rain following the sowing. If sown later in the season when natural rainfall cannot be depended upon, they should be watered regularly until well started and irrigated at intervals thereafter during their growing season.

Price: The entire Souvenir Collection, postpaid, 50c

DICENTRA

2881 *Chrysantha* (California Bleeding Heart). Perennial; orange-yellow. Height 3 to 5 ft. 15c.

DODECATHEON

2894 *Clevelandi* (Shooting Star). Perennial; purple, bordered with yellow. Height ¾ ft. 15c.

EMMENANTHE

2908 *Penduliflora* (Whispering Bells). Bushy annual; light yellow, bell-shaped flowers. 1½ ft. 15c.

ESCHSCHOLTZIA

2919 *Californica* (California Poppy). The most famous of California wild flowers. Annual ½ ft. high. Golden yellow. (See also Flower Seed Section). 10c.

GODETIA

3007 *Amoena* (Farewell to Spring). Annual 1½ to 2 ft. high. Lilac-purple and red. Shade loving. 10c.

LATHYRUS

3261 *Splendens* (Pride of California). Magnificent perennial climbing pea. Height 6 to 10 ft. 15c.

LAYIA

3273 *Elegans* (Tidy Tips). A pretty annual; flowers yellow tipped with white. Height 6 to 12 inches. 10c.

3274 *Glandulosa* (White Daisy). Annual flowers, pure white and daisy-like. Height 6 to 12 inches. 10c.

LEPTOSYNE

3277 *Stillmani*. Annual, with compact, bushy, thin-cut leaves; flowers golden yellow. 1 ft. high. 15c.

LILAC

3281 *California* (California Soap Plant). Light blue. 15c.

LIMANTHES

3283 *Douglasi* (Meadow Foam). Yellow flowers; 4 inches high. 10c.

LUPINUS

3321 *Nanus*. Dwarf. Fragrant; rich blue. 10c.

MENTZELIA

3365 *Lindleyi* (Blazing Star). Showy yellow flowers; 2 to 3 ft. 10c.

NEMOPHILA

3463 *Insignis* (Baby Blue Eyes). Annual; sky-blue flowers. Height 4 to 6 inches. 10c.

3464 *Maculata*. White with purple blotches. 10c.

3465 Shades of blue and white mixed. 10c.

PENTSTEMON

3572 *Spectabilis* ("Blue Pentstemon"). Large spike of deep blue flowers; height 3½ to 7 ft. 10c.

PHACELIA

3616 *Parryi*. Annual. Flowers bell-shaped, dark violet-blue. Height 6 to 12 inches. 10c.

3618 *Tanacetifolia* (Wild Heliotrope). Annual 2 feet high. Large heads of violet blue flowers. 10c.

3617 *Whitlavia* (Wild Canterbury Bells). Annual, deep violet purple, 1½ ft. 10c.

ROMNEYA

3774 *Coulteri* (Matilija Poppy). The queen of all our native flowers. Perennial. Flowers pure white with golden stamens and 6 to 8 inches in diameter; flowers last well when cut. 6 to 10 ft. 10c.

VIOLA

4037 *Pedunculata* (California Yellow Violet). Sometimes called "The Yellow Johnny Jump-up." 25c.

NATIVE WILD FLOWERS MIXED

4189 Germain's Premium California Wild Flower Mixture. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; 1 lb. \$5.00.

4190 California Wild Flowers in Mixture. Pkt. 10c; oz. 30c; ¼ lb. 90c; 1 lb. \$3.00.

THE CALIFORNIA GUEST GARDEN

It is an increasingly popular custom to plant a "guest garden" where visiting acquaintances have full privileges, and are invited to cut at will with the cheering advice that "this is your garden to enjoy and to choose flowers to your heart's content."

Where grounds are ample for a guest house, the guest garden is planted close by. If there be not room to spare, then a part of the cutting garden is developed for this one specific purpose. No attempt is made to group varieties but rather there is a very definite scattering so that whether the plot be great or small the changing seasons bring new masses of flowers to delight the visitor.

THE CALIFORNIA GUEST GARDEN COLLECTION

The collection contains the following fifteen charming and distinct species:

Asters	Larkspur	Salpiglossis
African Marigold	Lupin	Stocks
Calendula	Petunias	Sweet Peas
Fox Glove	Phlox	Sweet Williams
Gaillardia	Poppies	Zinnias

SPECIAL OFFER

The entire Guest Garden Collection of 15 full sized packets in fifteen beautiful varieties providing a constant succession of bloom (Value \$1.50) for.....

\$1.00

POST PAID



SEEDS of SHRUBS and TREES

The collection of shrubs and trees described on this page contains only varieties of recognized ornamental value for garden or street planting, which can be successfully grown from seed.

It must be remembered, however, that hard wooded perennials germinate and develop more slowly than most herbaceous plants; but, if cared for over the required period, they are no harder to grow than annual flowers or vegetable plants.

Sow tree seeds at the latter part of winter or in spring, preferably in seed boxes of light, well-drained soil; covering the seed about its own depth or a little deeper. Press the soil firm with the hand after sowing and keep boxes in a lath house, frame, or some sheltered place, watering regularly and carefully. When seedlings are large enough to handle, pot or transplant to other boxes and grow on until large enough to set out in the open. Acacia and other hard seeds should be soaked in hot water for 12 hours before planting. Germination of certain varieties is slow and irregular, therefore seed boxes must be given good care over a protracted period as seedlings often continue to appear for several weeks and in some cases several months.

PRICE: All varieties of tree seeds offered on this page are 15c per packet.

ACACIA

- 4425 *Baileyana*. Glauous pinnate foliage. Covered with yellow flowers in late winter. Oz. 75c.
4426 *Cultriformis* (Knife Leaved Acacia). Oz. 75c.
4427 *Dealbata* (Silver Wattle). Finely cut foliage. Yellow flowers in late winter. Oz. 60c.
4428 *Decurrens* (Green or Black Wattle). Good tree for avenues. Oz. 75c.
4429 *Floribunda*. Quick growing, pendulous habit. Oz. 60c.
4431 *Latifolia* (Longifolia). Oz. 75c.
4434 *Melanoxylon* (Black Wood). A favorite street tree. Oz. 75c.
4437 *Podalyriaefolia*. A shrub flowering early in winter. Oz. \$1.00.
4441 *Verticillata*. Fine for lawns and groups. Oz. \$1.25.

ARBUTUS

- 4448 *Unedo* (Strawberry Shrub). Foliage dark green, bears flowers and strawberry-like fruit in fall. Oz. 60c.

CALLISTEMON

- 4456 *Rigidus* (Bottle Brush). ¼ oz. 50c.

CAMPHORA

- 4459 *Officinalis* (Camphor Tree). Symmetrical street tree or for lawns. Oz. 45c.

CASSIA

- 4469 *Grandiflora Floribunda*. Spreading shrub, bright yellow flowers. Oz. \$2.25.
4470 *Tomentosa* (Woolly Senna). Bright yellow flowers in winter. Oz. 50c.

CASUARINA

- 4464 *Equisetifolia* (Beefwood). Needle-like leaves, good street tree. Oz. \$1.10.
4466 *Stricta* (She-Oak). Tall growing, good for roads. Oz. \$1.00.

CATALPA

- 4468 *Speciosa* (Indian Bean Tree). Oz. 75c.

CERATONIA

- 4473 *Siliqua* (St. John's Bread). Carob tree. Dark green, thick growing, fine for street. Oz. 30c.

CEDRUS

- 4472 *Deodora* (Himalayan Cedar.) Silvery green, drooping. Oz. 85c.

COPROSMA

- 4474 *Baueri*. Very glossy foliage, fine dwarf shrub. Oz. \$1.00.

COTONEASTER

- 4475 *Francheti*. Orange berries. Tall growing. Oz. \$1.00.
4480 *Horizontalis*. Low spreading. Red berries. Oz. \$1.00.
4476 *Pannosa*. Tall, leaves deep green, silver beneath. Berries vermilion red. Oz. 85c.

CRATAEGUS

- 4477 *Yunnanensis*. Oz. \$1.10.
4478 *Pyracantha Crenulata*. Dark green with orange berries in winter. Oz. 90c.

CRYPTOMERIA

- 4479 *Japonica* (Japan Cedar). Oz. 75c.

CUPRESSUS

- 4481 *Arizona* (Blue Cypress). Silvery blue, stands much heat and frost. Oz. 75c.
4484 *Macrocarpa* (Monterey Cypress). Quick growing, fine for hedge or single specimens. Oz. 50c.
4486 *Sempervirens* (Italian Cypress). Tall and tapering, for formal effect. Oz. 75c.

CYDONIA

- 4487 *Japonica* (Japanese Quince). Oz. \$1.00.

DRACAENA

- 2902 *Australis*. Slender stems surmounted by dense tuft of long strap-like leaves. Oz. 75c.
2903 *Indivisa*. Leaves narrower than above. Oz. 75c.

EUCALYPTUS

- 4596 *Corynocalyx* (Sugar Gum). Stands heat and drouth, but little frost. Oz. \$1.00.
4599 *Ficifolia* (Scarlet Flowering Gum). Ornamental, big clusters of crimson flowers. 100 seeds \$1.00.
4601 *Globulus*. (Tasmanian Blue Gum.) Fast growing, succeeds best near the coast. Oz. \$1.25.
4621 *Robusta* (Swamp Mahogany). Thrives in low moist land, good for wind break or street. Oz. 75c.
4622 *Rostrata* (Red Gum.) Succeeds under great variety of conditions. Heat, cold, drouth or moist land. Oz. 75c.
4623 *Rudis* (Desert Gum). Will stand heat and cold; good in desert or near coast. Oz. \$1.00.
4629 *Tereticornis* (Gray Gum). Good for commercial use. Stands varied climates. Oz. 75c.
4631 *Viminalis* (Manna Gum). Rapid growth. Stands hot interior and high altitude. Wood less hard, works well. Oz. \$1.00.

FRAXINUS

- 4493 *Velutina* (Arizona Ash). Heat and drouth resistant, good shade tree for Arizona and New Mexico. Oz. 50c.

GENISTA (Broom)

- 4494 *Canariensis*. Pretty Shrub, pea-shaped yellow flowers in spring. Oz. 75c.

GREVILLEA

- 4499 *Robusta* (Silky Oak, or Australian Fern Tree). Beautiful tree for avenues, etc., orange flowers in late spring. Oz. \$1.00.

GUAVA

- 4674 *Strawberry*. Handsome shrub, foliage deep green. Fruit edible. Oz. \$1.00.
4676 *Pineapple* (Feijoa Sellowiana). Dark green leaves with silvery reverse. Fruit excellent for jelly. 100 seeds 60c.

HETEROMELES

- 4500 *Arbutifolia* (California Holly). Good shrub, bright colored berries at Christmas time. Oz. 40c.

JACARANDA

- 4503 *Ovalifolia* (Brazilian Jacaranda). Feathery foliage, blue flowers in early summer. 10 pods 50c.

LEPTOSPERMUM

- 4506 *Laevigatum*. Fast growing shrub, white flowers in spring. Oz. \$2.50.

LIBOCEDRUS

- 4507 *Decurrens* (California Red Cedar). Oz. \$1.00.

LIGUSTRUM

- 4508 *Japonicum* (Japan Privet). Leaves large, leathery. Good shrub or hedge. Oz. 50c.
4509 *Nepalense* (Small leaved Privet). Bright green, quick growth, excellent for hedge. Oz. 60c.
4510 *Vulgare* (Small leaved English Privet). Similar to *Nepalense*. Same uses. Oz. 50c.

MELIA

- 4518 *Azedarach Umbraculiformis* (Texas Umbrella Tree). Handsome street or shade tree. Stands much heat. Oz. 30c.

MELALEUCA

- 4514 *Hypericifolia*. Tall, with rich red flowers. ¼ oz. 50c.
4516 *Nesophila*. Gray green, spreading shrub; flowers rosy lilac. ¼ oz. 50c.

METROSIDEROS

- 4517 *Tomentosa*. Handsome shrub; flowers with crimson stamens. Oz. \$3.00.

MYRTUS

- 4521 *Communis* (True Myrtle). Small white, fragrant flowers. Oz. \$1.00.

NANDINA

- 4522 *Domestica*. Attractive dwarf shrub, foliage colors in fall. Oz. 75c.

PINUS

- 4527 *Canariensis* (Blue Pine). One of the best for So. California. Oz. 75c.
4530 *Halepensis* (Aleppo Pine). A valuable species, very ornamental. Oz. 75c.
4529 *Insignis* (Monterey Pine). Very successful near the coast. Oz. 90c.
4539 *Torreyana* (Torrey Pine). A handsome native species of spreading habit. Oz. 90c.

PITTOSPORUM

- 4541 *Crassifolium* (Karo). Grey-green downy foliage, deep red flowers. Oz. 75c.
4542 *Eugenoides* (Tarara). Oz. \$1.25.
4543 *Nigricans* (Tawhiwhi). Small shiny leaves with leaf-stems almost black. Oz. \$1.25.
4547 *Tobira*. Dark green shiny leaves, numerous white fragrant flowers. Oz. 75c.
4548 *Undulatum* (Orange P.). A small tree with large deep green leaves. Oz. \$1.00.

POMEGRANATE

- 4684 (*Punicum Granatum*). Oz. \$1.50.

PRUNUS

- 4552 *Illicifolia* (California Cherry). Oz. 30c.
4553 *Integrifolia* (Catalina Cherry). Oz. 30c.

SCHINUS

- 4559 *Molle* (Mexican Pepper Tree). Finely cut bright green leaves, coral red berries. Oz. 25c.

SCIADOPYTIS

- 4561 *Verticillata* (Japan Umbrella Pine). Very ornamental. Oz. \$1.10.

SEQUOIA

- 4567 *Gigantea* (California Big Tree). Oz. \$3.00.
4568 *Sempervirens* (California Redwood). Oz. \$1.10.

SPARTIUM

- 4562 *Junceum* (Spanish Broom). Large, pea-shaped yellow flowers in profusion; rush-like leaves. Oz. 50c.

STERCULIA

- 4564 *Diversifolia* (Brachychiton Populneum, (Australia Bottle Tree.) Oz. 60c.

THUJA

- 4574 *Orientalis* (Chinese Arborvitea). Tall, Oz. 60c.
4573 *Orientalis Aurea* (Golden Arborvitea). Oz. 75c.
4576 *Orientalis Nana Compacta* (Dwarf Chinese Arborvitea.) Oz. 75c.

VIBURNUM

- 4578 *Tinus* (Laurustinus). Oz. 30c.

PALM SEEDS

COCOS

- 4639 *Plumosa*. Slender trunk, long plumed leaves; a favorite street palm. 100 seeds \$1.00.
4638 *Australis* (Pindo Palm). 100 seeds \$1.00.

ERYTHEA

- 4641 *Armata* (Brahea Glauca). Blue Palm. Elegant fan palm. 100 seeds \$1.20.
4642 *Edulis* (Brahea Edulis). 100 seeds \$1.00.

PHOENIX

- 4649 *Canariensis*. The ornamental date palm. 100 seeds 50c.

WASHINGTONIA

- 4659 *Filifera* (California Date Palm). Oz. 25c.
4658 *Robusta*. A robust Fan palm. Oz. 35c.

GERMAIN'S NEW GLADIOLUS

Gladiolus are extremely easy to grow and will bloom the year around in this state. The bulbs offered below are first size, all grown from young, clean, Semesan treated planting stock and the varieties included in our list are those which by their prominence in National Exhibitions and their constant use by florists have proved themselves to be the finest Gladiolus in cultivation.

CALIFORNIA SUNSHINE. Beautiful combination of bright orange yellow with carmine feather in throat. True California colors. Good grower. Never offered for sale before this season. Winner of many first prizes in flower shows. 2 for 40c; \$2.25 per dozen; \$16.00 per 100.

CAMPFIRE. Orange overlayed with red. Smoky combination, unusually rare. First time offered for sale this season. 35c each; 3 for \$1.00; \$3.50 doz.

BITTERSWEET. Beautiful gladiolus, bittersweet orange color. Good grower, very tall and vigorous. No other gladiolus has this identical color. First time offered for sale. 35c each; 3 for \$1.00; \$3.50 per dozen.

EARLY DAWN. A magnificent flower, awarded first prize at the last three shows of the California Gladiolus Society. Rich geranium pink, small red line in the throat. Six inches in diameter, wonderful lasting quality, vigorous growth. 2 for 40c; \$2.25 doz.; \$16.00 per 100.

JAPANESE SILK. Delicate pink overlayed with flecks of deep rose giving appearance of watered silk. Extremely rare and a decided novelty. There is no other gladiolus similar to this one. 35c each; 3 for \$1.00; \$3.50 per dozen.



Lavender Brilliant

LAVENDER BRILLIANT. Tall slender orchid with bright red line on lower petals. New variety this season, never before offered for sale. This shade of lavender appears in no other gladiolus. 2 for 40c; \$2.25 per dozen; \$16.00 per 100.

POPULAR COLLECTION

This assortment contains ten varieties that have been extremely popular. Tried and tested and proven their worth. Note the collection price and picture them in your garden this year and then try to figure how you can spend 60c that will give you any more pleasure.

	Each
KONYNENBURG, Blue	\$.07
BERTY SNOW, Lavender .....	.10
LOS ANGELES, Pink .....	.06
VIRGINIA, Red .....	.07
SOUVENIR, Yellow .....	.07
GIANT, NYMPH, Pink .....	.07
VEILCHENBLAU, Violet .....	.10
MR. W. H. PHIPPS, Pink .....	.10
MRS. FRANK PENDLETON, Pink and	
Crimson .....	.06
ELF, White .....	.10
Total Value	\$.80
Entire Collection Only	\$.60
2 Collections for Only	\$1.00

For complete descriptions see next page.

NOVELTY COLLECTION

One bulb each of the seven novelty gladiolus, (a \$1.85 value) for \$1.50

BEST TEN COLLECTION

Each year the American Gladiolus Society composed of six thousand members conduct a voting contest to ascertain the ten best gladiolus in the world. This collection, listed in the order chosen, includes the 10 glads which six thousand experts picked as their favorites. All are giant types with no two alike in color. These are the most beautiful glads in the world.

	Each
PICARDY, Shrimp Pink	\$.10
MINUET, Large Lavender .....	.10
BETTY NUTHALL, Brilliant Orange .....	.10
DR. F. E. BENNETT, Bright Scarlet .....	.10
MR. W. H. PHIPPS, La France Pink .....	.10
COMMANDER KOEHL, Black Red	
(very striking) .....	.10
MOTHER MACHREE, Smoky (very	
odd) .....	.10
MRS. LEON DOUGLAS, Begonia Rose .....	.10
ALBATROSS, Purest White .....	.10
GOLDEN DREAM, Deep Yellow .....	.10
Total Value	\$1.00
Entire Collection Only .....	.75

For complete description see next page.



Campfire

SAN DIEGO. True nasturtium colors, brown, orange, red and copper combined in one gladiolus. Extremely ruffled, orchid like in form. 2 for 40c; \$2.25 per dozen; \$16.00 per 100.

GERMAIN'S BLUEST OF THE BLUE

Five Superb Blue Gladiolus

We have made a careful comparison of a number of blue gladiolus and have selected the five following as the best in cultivation. Used in connection with yellow, cream or white varieties, they are simply grand! AIDA, Dark Blue. AVE MARIA, Violet Blue. JACOB VAN BEIJEREN, Deep Violet. MRS. VAN KONYNENBERG, Clear Light Violet. VEILCHENBLAU, Purple Violet.

COLLECTION

2 each of the five blue gladiolus, 70c
3 Collections for \$2.00

GLADIOLUS. By F. F. Rockwell. Recommended as "the best brief guide on gladiolus growing." It tells how to plant, fertilize, and cultivate; how to grow from seed or bulbets; how to harvest and cure; and how to handle for cut flowers. \$1.25.

GERMAIN'S SELECT GLADIOLUS



Single Flower Colorado

APRICOT GLOW. Tall apricot, wide open flowers, very vigorous, color extremely uncommon in gladiolus, 5 for 25c; 50c per doz.; \$3.50 per 100.

AIDA. Large, deep blue flowers with a small reddish lilac blotch. 3 for 25c; \$1.00 doz.; \$7.00 per 100.

ALBATROSS. Very large pure white with 6-8 blooms open at a time. Blooms have a tendency to face up in the so-called lily form. A fine propagator. Many consider this the finest white. 3 for 25c; 90c doz.; \$6.00 per 100.

ANNA EBERIUS. Deep velvety wine purple, very unusual and desirable. 3 for 25c; 90c doz.; \$6.25 per 100.

ARLON. Fine spike, rich salmon with red throat. 5 for 25c; 50c doz.; \$3.50 per 100.

AVE MARIA. Medium violet blue with red feather. 3 for 25c; \$1.00 doz.; \$7.00 per 100.

BERTY SNOW. Pinkish lavender, sometimes flecked. 7-10 large well-placed flowers on a long spike. One of the finest lavenders. 3 for 25c; 75c doz.; \$4.50 per 100.

BETTY NUTHALL. The glory of the whole garden. The plants are tall and vigorous, the spikes very long, strong and graceful. The color is glowing orange pink with pale orange throat and a light feathering of carmine. The florets are often six inches across, of splendid substance and placement. Eight or more blossoms open at once. Blooms keep well and make splendid house decoration. 4 for 25c; 60c doz.; \$3.75 per 100.

GERMAIN'S "SURPRISE" GLADIOLUS MIXTURE

A splendid mixture containing all the beautiful shades but composed of slightly smaller bulbs. A real "buy." 25 bulbs 50c; 50 bulbs 90c; 100 bulbs \$1.75.

GERMAIN'S "SUBURBAN GARDEN" GLADIOLUS MIXTURE

Fine for larger plantings of Gladiolus both for garden display and for cutting. All first quality and No. 1 size. 25 bulbs 65c; 50 bulbs \$1.25; 100 bulbs \$2.50.



Our Display Won Sweepstakes at Gladiolus Show

Germain's Select Gladiolus (Continued)

CHAS. DICKENS. Violet purple with a blotch on the lower petal. 3 for 25c; 75c doz.; \$4.50 per 100.

COMMANDER KOEHL. Huge wide open blooms of brilliant dark scarlet red, almost black, no markings or blotches. Six or seven open. Heavy substance. Five-foot spikes that stand up under practically all weather conditions. 3 for 25c; \$1.00 doz.; \$7.00 per 100.

CORONADO. An unusually large heavily ruffled white with a royal purple throat. The purple of the throat is lacelike and forms a wonderful combination with the pure white petals. Single flowers are very large, measuring from six to seven inches in diameter. Texture is of the best. This grand flower won best spike in the 1927 California Gladiolus Society show and is receiving high acclaim from flower growers in all parts of the world. 3 for 25c; \$1.00 doz. \$7.00 per 100.

DR. F. E. BENNETT. One of the finest of all the reds. Very large, tall, brilliant flame scarlet. Many open at one time. Awarded numerous first prizes as the best red. Best of the bright glowing Spanish colors. 4 for 25c; 60c doz.; \$4.00 per 100.

ELF Tall spike, large white with creamy center. 3 for 25c; \$1.00 doz.; \$6.50 per 100.

FLAMING SWORD Tall deep red, many flowers open at one time. 4 for 25c; 60c per doz.; \$4.00 per 100.

FAIRY FANCY. Beautiful, extremely lacinated cream with pink stripes in throat very fine and decorative. 3 for 25c; \$1.00 doz.; \$7.00 per 100.

GIANT NYMPH. Enormous pink with deeper throat. One of the largest and best for the garden. 4 for 25c; 60c doz.; \$3.75 per 100.

GOLDEN DREAM. Golden yellow, fine spike, an excellent rich yellow. 4 for 25c; 75c doz.; \$5.25 per 100.

HELEN WILLS. An elegant tall, clean, large white, shading to soft canary on lower petals. Vigorous and of wonderful substance. 3 for 25c; 75c doz.; \$4.50 per 100.

HINEMOA. Deep pink ground flaked with dark chocolate crimson; a large, clean-cut, clear yellow blotch standing out in strong contrast. 20c each; \$2.00 doz.; \$14.00 per 100.

JACOBA VAN BEIJEREN. Very fine violet color. Good spike and well placed flowers. 3 for 25c; \$1.00 doz.; \$7.00 per 100.

LOS ANGELES. Lovely flower, beautiful shrimp pink with carmine blotch. 5 for 25c; 50c per doz.; \$3.50 per 100.

MAMMOTH WHITE. Huge white flowers, 6 inches across. 3 for 25c; \$1.00 doz.; \$6.00 per 100.

MARMORA. French gray with pale purplish throat. One of the most unique colors in cultivation. 2 for 25c; \$1.50 doz.; \$10.00 per 100.

MAROCCO. One of the darkest, deep shiny maroon red. 2 for 25c; \$1.50 doz.; \$10.00 per 100.

MARY PICKFORD. A charming creamy tone blending with a soft lemon color. 4 for 25c; 75c doz.; \$4.50 per 100.

MICHIGAN GIANT. Enormous bright orange, tall, vigorous. Immense blooms of good keeping quality. New this season. Exceptional. 3 for 25c; \$1.00 doz.; \$6.00 per 100.

MINUET. Beautiful pure, clear lavender, good size, fine placement, heavy substance and strong, straight stems. A flower of extreme elegance and beauty. 3 for 25c; \$1.00 doz.; \$6.00 per 100.

MOUNT CLEMENS. Tall growing, deep pink with creamy throat. New introduction this season. 3 for 25c; \$1.00 doz.; \$6.00 per 100.

MRS. CLIFFORD MOORE. The color of an opal, creamy pink shaded with bluish gray. 3 for 25c; \$1.00 doz.; \$7.00 per 100.



Red Phipps

MRS. FRANK PENDLETON. Lovely salmon pink with brilliant dark red blotch. 5 for 25c; 50c doz.; \$3.50 per 100.

MRS. LEON DOUGLAS. One of the largest and finest. Begonia rose, striped, marked with flame and scarlet. 4 for 25c; 60c doz.; \$3.75 per 100.

MRS. VAN KONYNENBURG. The best blue gladiolus to date, in our opinion. Tall, elegant spike. Color a clear bluish violet. 4 for 25c; 60c doz.; \$3.50 per 100.

MR. W. H. PHIPPS. La France pink overlaid with light rose salmon, shading lighter toward center. Flowers enormous. A masterpiece in gladiolus. Called by many the finest glad in existence. 3 for 25c; 90c doz.; \$6.00 per 100.

MOTHER MACHREE. A most interesting new gladiolus; vinaceous lavender with edges of petals overlaid salmon pink. This is rated as the finest of all the "Ashes of Roses" type. Six to eight large perfectly placed blooms open at once. Tall, straight spikes. This variety sold originally at \$100.00 per bulb. 3 for 25c; 90c doz.; \$6.00 per 100.

ORANGE PRINCE. A very attractive tall primulinus hybrid on the order of Souvenir but of a deeper rich yellow with a longer flower spike. The backs of the petals and the buds are bronze. Five to six blooms open at one time. 3 for 25c; \$1.00 doz.; \$7.00 per 100.

PURPLE EMPRESS. Giant royal purple, long pointed petals, large spike and tall grower. 3 for 25c; 90c doz.; \$6.00 per 100.

PICARDY. Soft shrimp pink without flecking. Blotch of light flesh pink shading to shrimp pink at edges. Blooms up to six inches or more across. Well placed on tall, strong spike. This variety has been the sensation of the gladiolus world since its introduction. It has created more favorable comment than any variety in many years. Has won practically everywhere it has been shown. An extremely beautiful creation. 20c each; 3 for 25c; 85c doz.; \$5.50 per 100.

RED PHIPPS. New this season. Best red gladiolus. Many bright light red blooms open at once on straight stalk. We are proud to offer this variety. 3 for 25c; 85c doz.; \$5.50 per 100.

ROSE ASH. General color effect, "Ashes of Roses." A favorite "smoky" sort. 2 for 25c; \$1.50 doz.; \$10.00 per 100.

SHEILA. Light coral salmon fading to flesh pink in throat with primrose blotch on lower petals. Very good form with plenty of vigor. 5 for 25c; 50c doz.; \$3.50 per 100.

SALBACH'S PINK. Large wide open glowing geranium pink, with soft carmine tongue and throat markings. Long graceful flower spike with eight to sixteen open at once. 3 for 25c; 85c doz.; \$5.50 per 100.

SANTA ANA. New this year. Delicate cream and apple blossom pink combination. Very choice and refined. 4 for 25c; 60 doz.; \$3.75 per 100.

SOUVENIR. The finest of all yellow prims. 4 for 25c; 50c doz.; \$3.50 per 100.

VEILCHENBLAU. Good blue, deep violet purple in color. 3 for 25c; 75c per doz.; \$4.50 per 100.

VIRGINIA. A bright fiery red. The flowers are large, the stems strong yet graceful. 4 for 25c; 60c doz.; \$3.75 per 100.

Germain's Tip Top Gladiolus Mixture

Extra choice mixture of selected No. 1 bulbs from the choicest named varieties, 4 for 20c; 60c per doz; \$3.50 per 100.



Giant Amaryllis

GIANT ANEMONES

(Germain's Monarch Strain)

These are among the most showy and beautiful of spring flowers; of neat and compact growth, with elegantly cut foliage and the most brilliantly colored blossoms. Their large velvety flowers are ideal for cutting, lasting several days in water.

Anemones prefer a rich, loamy soil, and liberal amount of water. Soak the roots in Large Bulbs—45c per doz.; \$3.25 per 100. Blooming Size—25c per doz.; \$1.85 per 100.

TUBEROUS ROOTED BEGONIAS

This splendid class of begonias is perhaps the handsomest of all bedding plants for a shady or semi-shaded location. They prefer a rich sandy loam, and should be covered to a depth of two or three inches. Ready about February 1st.

Large Single		Extra Double	
Crimson	Orange	Crimson	Orange
Scarlet	Yellow	Scarlet	Yellow
Pink	White	Pink	White
Single Mixed		Extra Double Mixed	
3 for 45c; \$1.75 doz.		25c each; \$2.50 doz.	

CALLA ELLIOTIANA

(The Yellow Calla Lily)

This is the finest Calla grown; large, deep, rich golden yellow color. The leaves are spotted with white. Flowering size, 20c each; \$2.00 dozen. Large size, 30c each; \$3.00 dozen. Mammoth size, 50c each; \$5.00 dozen.

ISMENE CALATHINA

(Peruvian Daffodil)

Large, pure white, Amaryllis-like flowers of unusual appearance. Fragrant and beautiful. Culture same as Amaryllis. 15c each; \$1.50 per dozen.

TIGRIDIA

BIG SHELL TIGERFLOWER

Tigridia Pavonia Grandiflora—A splendid strain of this showy garden plant. The curious three-petaled flowers are very large and are wonderfully marked and spotted. Plant 2 in. deep and 4 to 6 in. apart in shade or half shade.

Four Bulbs 50c; \$1.50 per dozen; \$11.00 per 100

HARDY GARDEN LILIES

PHILIPPINENSE FORMOSANUM

This new lily cannot fail to become a favorite with all who love lilies. In shape and habit it resembles the Easter lily; its color is white with a pinkish tinge on the outside of the trumpet. Its most valuable characteristic from a cut flower standpoint is its very long flowering season; beginning in June it sends up new flower shoots constantly through the season. Two for 35c; \$1.75 per dozen.

Auratum. "Golden Banded Lily." Flowers white, spotted crimson with a distinct golden stripe running through each petal. 2 for 35c; \$1.85 doz.

Rubrum. "The Red Lily of Japan." Carmine rose on white ground, spotted with crimson. The most showy of Japanese lilies for the garden and an excellent cut flower. 2 for 35c; \$1.85 doz.

Tigrinum. "Tiger Lily," orange, spotted black, very showy. 2 for 35c; \$1.75 doz.

Elegans Alice Wilson. A lovely variety; finely shaped flowers of a deep, clear lemon color, with small spots. 2 for 35c; \$1.85 doz.

Elegans Incomparable. An attractive, easily managed lily and handsome border plant. Flowers reddish apricot, spotted. 2 for 35c; \$1.85 doz.

Elegans Mixed. A very beautiful group of showy Japanese lilies flowering in June and July. 2 for 35c; \$1.85 doz.

Japonicum (Krameri). Color a beautiful clear pink, often shaded blush. Prefers a light loamy soil, containing some peat if possible. 25c each; \$2.50 dozen.

Henryi. A very beautiful lily from central China often carrying as many as twenty bright orange-yellow, slightly spotted reddish brown flowers in August. 2 for 35c; \$1.85 doz.

Tenuifolium (Siberian Coral Lily). Highly recommended for massing, rock gardens, etc. The flowers deep scarlet and of a waxy texture. 2 for 35c; \$1.85 doz.

SPECIAL LILY OFFER

Germain's Special Collection of Hardy Garden Lilies. Ten selected fine varieties but not individually labeled for \$1.75.

Germain's New Giant Amaryllis

This is without question the largest and most beautiful strain of American Hybrid Amaryllis in existence. The huge flowers average over 8 inches in diameter and are composed of broad overlapping petals making broad, wide open blossoms of great beauty.

CULTURE. This amaryllis is evergreen, and requires a sunny or partially shaded place. The bulb should be planted with the top just below surface of the ground. The soil should be well spaded and adequately enriched with rotted manure or commercial fertilizer. Do not move them more often than necessary, as they thrive best when undisturbed for several seasons. They may be grown in pots very satisfactorily, making a beautiful plant for patio or porch decoration when in bloom.

Price: Each 40c; 3 bulbs for \$1.00; \$3.75 per dozen.

NEW CALIFORNIA GIANT RANUNCULUS

Uniformly of the largest size in full-petaled doubles, with a majority of the Camellia-flowered type now so much preferred. The colors are magnificent in their gay profusion of reds, orange, apricot and gold shades and picotee-edge whites and yellows.

Soak the roots in water for two hours before planting and cover with two inches of soil. They should be planted rather closely for the best garden display, 4 to 6 inches being an average distance apart.

Extra Large Size—50c doz.; \$3.50 per 100.
Large Size—35c doz.; \$2.50 per 100.
Good Bedding Size—25c doz.; \$1.65 per 100.

MONTBRETIA

New Hybrids Mixed

The tall, 3 to 4 ft. spikes bearing large flowers in various shades of orange, red and yellow, are a noted improvement on the older forms previously offered. 15c each; \$1.50 per doz.; \$10.00 per 100.

TUBEROSE

Double Pearl. 3 for 25c; \$1.00 dozen; \$7.50 per 100.

Mexican Everblooming Single. Delightfully fragrant, very free flowering and of the easiest culture. 3 for 20c; 75c dozen; \$5.50 per 100.

LILY OF THE VALLEY

Convallaria Majalis. Forcing pips—very easy to grow indoors in sand or in bulb fibre. In the garden plant in moist and shady place. 6 for 50c; \$1.15 doz.; \$8.50 per 100.

Tuberous Rooted Begonia



GERMAIN'S PLANTING CHART

*T.—In the quantity column means these varieties are to be sown in hot bed and transplanted to the field.

VARIETY	Seed for 100 ft. row	Seed for 1 acre	Time of Planting	Put Rows Apart	Leave Plts Apart in Row	Crop Matures in about	Depth of Planting in Inches	Approximate Yield Per Acre
Artichoke, Globe.....	2 Pkts.	12 oz. T.*	October to May	5 ft.	3 ft.	2nd Spring	1	.....
Artichoke, Plants.....	32 Plants	3000 P	Dec. to April	5 ft.	3 ft.	Next Spring	.....	.....
Asparagus Seed.....	1 oz.	2 lbs. T.*	February to May	6 ft.	3 ft.	Third Spring	1	.....
Asparagus Plants.....	32 Plants	11000 P	December to May	4 ft.	1 ft.	Next Spring	.....	.....
Beans, Bush.....	1 lb.	40 lbs.	Jan. to September	3 ft.	6 in.	2 to 3 Months	1 to 2	3 tons
Beans, Pole.....	¾ lb.	30 lbs.	Jan. to September	3 ft.	1½ ft.	2 to 3 Months	1 to 2	4 tons
Beet, Table.....	2 oz.	7 lbs.	All year	2 ft.	6 in.	3 to 3½ Months	¾	12 tons
Beet Stock.....	2 oz.	8 lbs.	September to May	3 ft.	1 ft.	4 to 6 Months	1	50 tons
Broccoli.....	1 Pkt.	4 oz. T.*	Nov. to April	2½ ft.	1 ft.	3½ Months	¼	.....
Brussels Sprouts.....	2 Pkts.	4 oz. T.*	October to May	2½ ft.	1½ ft.	5 Months	½	.....
Cabbage, Early.....	1 Pkt.	4 oz. T.*	All Year	2½ ft.	1½ ft.	3 to 4 Months	½	12 tons
Cabbage, Late.....	1 Pkt.	4 oz. T.*	All Year	2½ ft.	1½ ft.	4 to 5 Months	½	12 tons
Carrot.....	1 oz.	3 lbs.	All Year	18 in.	4 in.	4 Months	¼ to ½	12 tons
Cauliflower.....	¼ oz.	4 oz. T.*	June to January	3 ft.	2 ft.	4 to 6 Months	½	500 doz.
Celery.....	2 Pkts.	4 oz. T.*	January to May	3 ft.	6 in.	4 to 5 Months	Very shallow	2000 doz.
Celeriac.....	1 Pkt.	6 oz.	January to May	3 ft.	6 in.	4 to 5 Months	¼	.....
Chervil.....	3 Pkts.	1 lb.	Jan. to August	30 in.	5 in.	2 Months	¼	.....
Collards.....	1 Pkt.	8 oz. T.*	All Year	3 ft.	15 in.	1 Month	½	.....
Chicory.....	1 oz.	4 lbs.	September to May	30 in.	8 in.	2 to 3 Months	¼	.....
Corn Salad.....	½ lb.	5 lbs.	Feb. to Nov.	30 in.	8 in.	2 to 3 Months	¼	.....
Corn, Sweet.....	2 Pkts.	10 lbs.	March to Sept.	36 in.	18 in.	½ to 3 Months	1	400 boxes
Cucumber.....	1 Pkt.	2 lbs.	March to Sept.	6 ft.	4 ft.	2 to 3 Months	1	600 boxes
Dandelion.....	1 Pkt.	¾ lb.	Sept. to April	36 in.	12 in.	3 Months	¼	.....
Egg Plant.....	1 oz.	4 oz. T.*	January to August	36 in.	36 in.	4 Months	½	10 tons
Endive.....	2 lbs.	2 lbs.	August to May	30 in.	8 in.	3 Months	½	2000 doz.
Garlic (sets).....	70 Plants	300 lbs.	Sept. to March	30 in.	6 in.	5 to 6 Months	.....	.....
Horse Radish.....	2 Pkts.	10000 P	December to May	30 in.	18 in.	6 Months	.....	.....
Kale.....	1 Pkt.	2 lbs.	All Year	36 in.	18 in.	2 to 3 Months	½	.....
Kohlrabi.....	½ oz.	2 lbs.	All Year	30 in.	6 in.	4 Months	½	12 tons
Leek.....	2 Pkts.	4 lbs.	Sept. to April	24 in.	6 in.	4 Months	½	.....
Lettuce.....	3 Pkts.	2 lbs.	All Year	30 in.	10 in.	2 to 3 Months	½	500 crates
Melons, Musk.....	2 Pkts.	1 lb.	March to July	6 ft.	6 ft.	3 to 4 Months	1	400 crates
Melons, Water.....	1 oz.	1 lb.	March to July	8 ft.	10 ft.	3 to 4 Months	1	15 tons
Mustard.....	1 Pkt.	2 lbs.	All Year	4 ft.	2½ ft.	3 to 5 Weeks	½	.....
Okra.....	1 oz.	6 lbs.	April to July	3 ft.	18 in.	3 Months	1	.....
Onion seed.....	½ oz.	2 lbs.	Sept. to April	24 in.	4 in.	½ to 6 Months	½	200 crates
Onion sets.....	2 lbs.	250 lbs.	All Year	18 in.	3 in.	2 to 4 Months	.....	.....
Onion Seed for Sets.....	2 oz.	40 lbs.	All Year	2 ft.	Drill	2 to 3 Months	.....	.....
Parsley.....	1 Pkt.	4 lbs.	All Year	24 in.	6 in.	3 Months	Very shallow	.....
Parsnips.....	2 Pkts.	5 lbs.	All Year	30 in.	4 in.	4 Months	½	400 sks.
Peas.....	1 lb.	50 lbs.	All Year	36 in.	6 in.	2 to 4 Months	2	4 tons
Pepper.....	1 Pkt.	6 oz. T.*	January to July	36 in.	18 in.	3 to 4 Months	½	10 tons
Potatoes.....	5 lbs.	600 lbs.	Dec. to Sept.	36 in.	10 in.	2 to 3 Months	5	100 sks.
Potatoes, Sweet.....	70 Plants	12000 P	March to July	36 in.	18 in.	3 to 4 Months	3	150 sks.
Pumpkin.....	2 Pkts.	1 lb.	March to August	10 ft.	8 ft.	3 to 4 Months	1	20 tons
Radish.....	1 oz.	12 lbs.	All Year	18 in.	1 in.	1 to 2 Months	½	.....
Rhubarb.....	2 Pkts.	8 oz.	January to April	5 ft.	3 ft.	2nd Spring	½	.....
Rhubarb Roots.....	33 Roots	5500 P	December to May	5 ft.	3 ft.	Next Spring	2	.....
Salsify.....	1 oz.	6 lbs.	February to Oct.	30 in.	4 in.	4 Months	1	8 tons
Spinach.....	1 oz.	12 lbs.	All Year	24 in.	2 in.	40 to 65 Days	1	6 tons
Squash, Bush.....	2 Pkts.	2 lbs.	February to Oct.	4 ft.	3 ft.	2 Months	1½	.....
Squash, Running.....	2 Pkts.	3 lbs.	February to Aug.	8 ft.	6 ft.	3 to 4 Months	1	12 tons
Tomato, Seed.....	1 Pkt.	2 oz. T.*	February to Aug.	6 ft.	6 ft.	4 to 5 Months	1	.....
Tomato, Plants.....	35 Plants	1200 P	March to Oct.	5 ft.	3 ft.	2 to 3 Months	.....	10 tons
Turnip.....	2 Pkts.	3 lbs.	All Year	24 in.	6 in.	3 to 4 Months	½	12 tons
Turnip Rutabaga.....	2 Pkts.	3 lbs.	All Year	24 in.	8 in.	3 to 4 Months	½	.....

SPACING AND NUMBER PLANTS PER ACRE

Distance Apart	No. of Trees or Plants per Acre	Distance Apart	No. of Trees or Plants per Acre	Distance Apart	No. of Trees or Plants per Acre	Distance Apart	No. of Trees or Plants per Acre	Distance Apart	No. of Trees or Plants per Acre	Distance Apart	No. of Trees or Plants per Acre
3 by 4 in.	522,720	3 by 1 ft.	14,520	4½ by 4½ ft.	2,150	6 by 7 ft.	1,031	11 by 11 ft.	360	19 by 19 ft.	120
4 by 4 in.	392,040	3 by 2 ft.	7,260	5 by 1 ft.	18,712	6 by 8 ft.	907	12 by 12 ft.	302	20 by 20 ft.	108
6 by 6 in.	174,240	3 by 3 ft.	4,840	5 by 2 ft.	4,356	6 by 9 ft.	806	14 by 14 ft.	222	25 by 25 ft.	69
1 by 1 ft.	43,560	3½ by 3½ ft.	3,555	5 by 3 ft.	2,904	6 by 10 ft.	726	15 by 15 ft.	193	30 by 30 ft.	48
1½ by 1½ ft.	19,360	4 by 1 ft.	10,890	5 by 4 ft.	2,178	7 by 7 ft.	888	16 by 16 ft.	170	33 by 33 ft.	40
2 by 1 ft.	21,780	4 by 2 ft.	5,445	5 by 5 ft.	1,742	8 by 8 ft.	680	16½ by 16½ ft.	160	40 by 40 ft.	27
2 by 2 ft.	10,890	4 by 3 ft.	3,630	5½ by 5½ ft.	1,440	9 by 9 ft.	537	17 by 17 ft.	150	50 by 50 ft.	17
2½ by 2½ ft.	6,960	4 by 4 ft.	2,722	6 by 6 ft.	1,200	10 by 10 ft.	435	18 by 18 ft.	134	60 by 60 ft.	12

FIELD SEED DATA

Field Seeds	Lbs. per Acre	How to Plant	Yield of Forage	Yield of Grain Lbs.	Field Seeds	Lbs. per Acre	How to Plant	Yield of Forage	Yield of Grain Lbs.
Alfalfa.....	20	Drill or broadcast.....	2 to 10 tons.....	600	Grass:				
Beans, Field:					Chewing Fes- cue.....	20	Broadcast.....	Pasture mixture	
Pink.....	30	Drill.....			Crested Dogs- tail.....	30			
Navy.....	20	Drill.....			Ky. Blue for Pasture.....	50	Broadcast.....	Pasture mixture	
Sojo.....	30	Drill.....	Cover crop.....	2000	Ky. Blue for Lawn.....	175	Broadcast.....		
Eng. or broad	50	Drill in rows 2 ft. apart	Cover crop.....		Orchard.....	30	Broadcast.....	Pasture mixture	
Bell.....	40	Drill in rows 2 ft. apart			Rye.....	40	Broadcast.....		2000
Small					Red Top.....	15	Broadcast.....	Hay and Pasture	
Manchurian ..	50	Drill in rows 2 ft. apart			Timothy.....	20		Pasture Mixture	
Buckwheat.....	30	Drill.....	Cover crop.....	1500	Mesquite.....	15	Broadcast.....	Cut 2 tons per acre 3 times or pasture	
Clover:					Rbodes.....	12		12 tons hay or pasture	
Alsike.....	10	Drill.....	Hay or pasture		Sudan Drill.....	15			
Burr Clover.....	15	Drill or broadcast.....	Pasture or cover crop		Sudan Broad- cast.....	20			
Ladino.....	8	Broadcast.....	Green feed		Millets:				
Melilotus.....	20	Drill or broadcast.....			Common Proso	75	Drill or broadcast.....	Poultry feed	
Melilotus Alba	20	Drill or broadcast.....			German.....	30	Drill or broadcast.....	4 tons hay.....	70 to 80 bu.
Red.....	15	Drill.....	Pasture or bay		Sorghum				
White.....	12	Broadcast.....	Lawn		(Drilled).....	5	Drill in rows 30 in. apart.....	15 tons green	
Corn:					Peas, Field:				
Field.....	10	Drill 2 ft. apart in rows 3 ft. apart			Canadian.....	75	Broadcast.....	Cover crop	
Ensilage.....	75	Drill 1 ft. apart in rows 30 in. apart		3000 to 4000	Whippoorwill ..	60	Drill 1 ft. apart in rows 3 ft. apart	Pasture or cover crop.....	1000
Egyptian.....	6	Drill in rows 3 ft. apart	2 tons dry.....	2500 to 4000	Blackeye.....	30	Drill 1 ft. apart in rows 3 ft. apart	Cover crop.....	1500 to 2500
Hegari.....	6	Drill in rows			Brabbam.....	60	Drill 1 ft. apart in rows 3 ft. apart	Cover crop	
Kaffir.....	6	Drill in rows 3 ft. apart			Vetch, Purple..	40	Drill or broadcast	Cover crop - hay - silage	
Feterita.....	6	Drill in rows 3 ft. apart	2 tons dry.....	2500 to 4000	Common.....	60	Drill or broadcast	Cover crop	
Milo Maize.....	6	Drill in rows 3 ft. apart	Green feed or pasture.....	2000 to 2500	Peanuts in shell	35	Drill.....		
Broom.....	8	Drill in rows 3 ft. apart	½ ton broom straw.....	1500 to 2000	Rape.....	10	Drill.....	Pasture or green poul- try feed	
Flax.....	40	Drill.....	Fibre.....	2500	Rice.....	80	Drill.....		3000
Grain:					Sunflower.....	10	Drill in rows 3 ft. apart		2000
Barley.....	100	Drill or broadcast.....	2 to 4 tons hay.....	2000 to 3000					
Oats.....	80	Drill or broadcast.....	3 tons hay.....	2000					
Rye.....	60	Drill.....	Pasture or cover crop.....	2000					
Grass:									
Alfileria.....	5	Drill or broadcast.....	Pasture						
Bermuda.....	10	Broadcast.....	Pasture or hay						
Brome.....	20	Broadcast.....	Pasture mixture						
Dallas.....	12	Broadcast.....	Pasture						

GERMAIN'S *Premium* Vegetable Seeds



GERMAIN'S VEGETABLE SEED

Since 1871 we have catered to the critical market garden trade. We have at all times offered only such varieties as were best adapted to the Great Southwest.

The following listing is composed of those varieties of vegetable seed that we consider the best for the market or home garden.

A great deal of experimenting and testing was necessary to complete this list and we only add to it when our trial shows that a new variety is worthy of a listing.

At our "Floravista Ranch" situated in the San Fernando Valley, we are continually testing and experimenting with old and new varieties. Hundreds of trials each year are completed so that we can offer to our customers the best the world affords. Market gardeners and commercial growers are invited to write for special quotations.

ARTICHOKE

Artichaut, FR. *Articiocca*, ITAL.
Alcachofa, SP. *Artischoke*, GER.

CULTURE. Sow any time except during hottest weather, when all seed beds require special care. Soil should be a free, moist loam and seeds should be planted in beds an inch deep. Plant out when six inches high in rows four feet apart each way. We recommend your purchasing plants instead of seed as they produce the first year and come true to type. (See pages 103 and 106).

LARGE GREEN GLOBE. A highly prized product of our gardens and peculiarly a California product as practically the entire acreage grown in the United States comes from the counties in California bordering on the Pacific Ocean. Under these weather conditions it develops a hardy vigorous plant with sturdy flower stems that carry buds the size of a teacup, the succulent lower portion of which is the edible part which has pleasing flavor unlike any other vegetable. The artichoke when once established produces for several years and a few plants in your garden will amply repay you. Pkt. 5c; oz. 50c; ¼ lb. \$1.65; 1 lb. \$5.00. Plants, page 106.



SPROUTING BROCCOLI

GREEN SPROUTING (Glory of Calabria).

This variety was introduced in this country from Italy a few years ago and its unique and delicious flavor have brought it into the ranks of our most popular vegetables. The edible portion differs from other Broccolis in use in that the flower heads are borne on long stems which are cooked and eaten along with the flower and are of a very mild and delicate flavor having none of the distinct cabbage flavor so common in this family of plants. Plant between July and October. Pkt. 5c; oz. 35c; ¼ lb. \$1.15; 1 lb. \$3.50.

ASPARAGUS

Asperge, FR. *Sparagio*, ITAL.
Esparroges, SP. *Spargel*, GER.

CULTURE. Soak seeds twenty-four hours before planting. Sow in February in beds broadcasted or in rows, covering about one inch. The following January transplant to rows three or four feet apart and a foot apart in the row, with at least six inches of soil over the roots. Light sandy soils are preferable.

Note. By planting two year old roots, much time and labor will be saved. See prices of roots, pages 103 and 106.

MARY WASHINGTON. This is a new rust resistant variety, produced by government experts and is the best asparagus now grown and is displacing the older varieties. Is particularly desirable on account of its earliness. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

PALMETTO The best known and most popular of the standard varieties. Very desirable variety for home and market gardeners' use. The sprouts are green, and of delicious flavor. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 80c.

ARGENTEUIL. Another standard variety used largely by canners. It is very productive and an excellent keeper. White in color with a purplish tinge, it has a delicious flavor. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

We can also furnish roots of all above varieties at 35c dozen or \$2.50 per hundred.

HEALTH PROPERTIES OF ASPARAGUS			
Calories per lb.	100	Vitamins A, B	
Proteins	1.8%	Carbohydrates	3.3%
Fats	.2%	Calcium	.025%
		Iron	.00096%

BROCCOLI

Chou-Brocoli, FR. *Brocoli*, SP.
Cavol Broccolo, ITAL. *Spargel Kohl*, GER.

Note—Prices listed are postpaid.

CULTURE. Broccoli like the cauliflower is a cultivated variety of the wild cabbage which is grown for the sake of the head, which is similar to cauliflower though smaller. To secure broccoli at its best we advise growing your own and picking one hour before cooking. Culture the same as cauliflower.

ST. VALENTINE. The seed is planted from July to September and heads mature generally in March and April, being later than the late Cauliflowers. We believe this to be the finest of the Broccolis and recommend it both for the home garden and the shipping trade. This variety is grown commonly in Oregon and Washington for the eastern market. Pkt. 5c; oz. \$1.50; ¼ lb. \$3.75; 1 lb. \$15.00.



MARY WASHINGTON ASPARAGUS

GERMAIN'S BEANS

See Field Seed Section for other varieties, such as Bayou, Black Eye, Castor, Mexican Pink, Small Navy, Lady Washington, Soja.

ALL PRICES ON THIS PAGE ARE POSTPAID

NOTE— Prices up to and including ten pound quantities include postage or expressage prepaid. When sent otherwise deduct 10 cents per pound or fraction thereof. If quantities desired write for special prices.

CULTURE.

Beans respond very readily to good soil and cultivation. A light, rich, well-drained loam is the most desirable. The use of manure is advisable but should be used sparingly as it might make the plant run too much to vine. There is no plant more sensitive to cold and wet than the bean. We therefore advise not to plant until the ground has become dry and warm. The largest returns will result in planting in drills from 2 to 3 feet apart. Cover the seed one and one-half inches deep and thin the young plants 3 to 6 inches apart in the row. If planted in hills about 2 feet apart each way.

KEEP THEM COMING. For rotation, plant at intervals of from one to two weeks. The plants until time of blossoming should have frequent shallow cultivation, but any mutilation of the roots by cultivation after the plants come into blossom is likely to cause the blossoms to blast and so cut off the crop. Cultivation should always be very shallow and it is useless to expect a crop from a field so poorly prepared as to need deep stirring after planting.

BEANS---DWARF OR BUSH, GREEN POD

Haricots, FR. Faginoli, ITAL. Frijole, SP. Bobnen, GER.

BURPEE'S STRINGLESS GREEN POD.

Doubtless the best bean in its class and is used extensively by canners, market gardeners and in the home garden. It is early, vigorous in growth, entirely stringless, even when fully grown, pods 5 to 6 inches long, very thick and meaty and of unsurpassed quality. As our trade is large in this variety we have taken great pains to grow a fine, even, true to type strain that will prove satisfactory to the most critical planter. Seed medium size, yellowish brown. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

BOUNTIFUL. Similar in appearance to Early Long Yellow Six Weeks but an improvement on this old standby in every way. A thrifty and productive plant with handsome pods six or seven inches in length, and entirely stringless and of finest quality, remaining in good condition for snaps much longer. We are confident you will be more than pleased with this new improved strain of the Six Weeks type. Seed medium size, kidney shape, light yellow, somewhat darker around the eye. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

STRINGLESS GREEN POD BEANS

HEALTH PROPERTIES OF BEANS

Calories per lb. 184
Proteins 2.3%
Fats .3%
Vitamins A, B, C
Carbohydrates 7.4%
Calcium .046%
Iron .00098%

CANADIAN WONDER.

A very hardy large plant used by gardeners for winter crops as they do better than other kinds when weather is cold and wet; large, broad, handsome pods of good quality, seed large, rather flat, carmine colored. Pkt. 5c; ½ lb. 25c; 1 lb. 35c; 10 lbs. \$3.00.

EARLY REFUGEE.

A very good variety for the summer months. Pod is round, medium size, tender. Recommended for table or for canning. Plant from April to August. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

DWARF HORTICULTURAL.

A variety that can be used green or shelled and also be dried. Excellent flavor. Is very much relished by Italians. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

FRENCH MOHAWK.

An early prolific variety, pods long, oval. Seed large, kidney shape blotched with reddish brown. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.50.

FULL MEASURE.

This excellent variety is fast becoming popular with our gardeners. Pods are somewhat like Stringless Green Pod but longer and more slender, about 5 inches long, of splendid quality and entirely stringless. We highly recommend this variety to our gardeners. Seed brown mottled. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

BEANS BUSH, WAX POD

DAVIS WAX OR VENTURA WONDER WAX.

One of the best of Wax podded sorts for home garden. Very vigorous and hardy and will thrive in warm location better than any other wax bean. Pods very long, handsome, straight, light yellow, crisp and tender when young.

Seed medium size kidney shape and pure white. Dry seed is as good in every way as the small whites for baked beans. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

GOLDEN WAX.

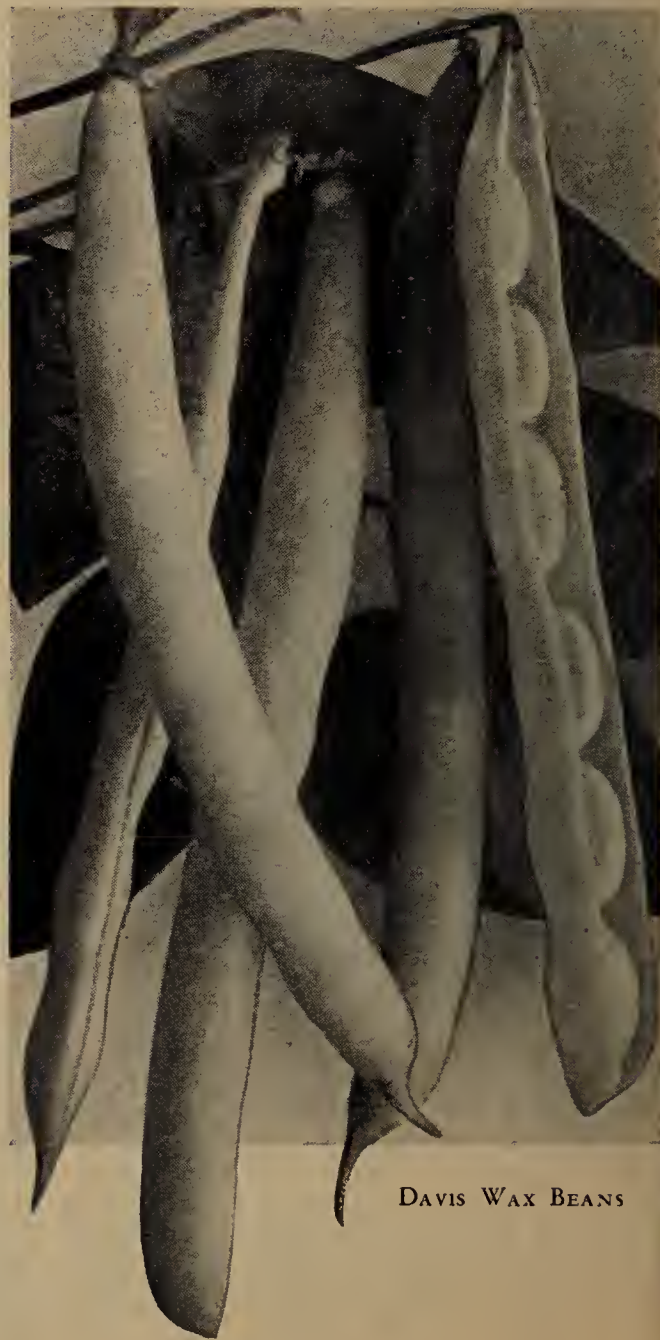
The best early wax pod. Plants medium size and very productive. Pods medium size flat and of best quality. Seed oval white with purple blotching around the eye. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

BLACK WAX.

A very superior variety, round podded. Medium early, bearing in about 52 days. Pods golden yellow, curved, stringless and brittle. They are tender and of excellent quality. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

NEW KIDNEY WAX. (BUTTER WAX).

A recent introduction that has become very popular with our market gardeners. It is a second early variety, plant vigorous, with a heavy setting of very attractive pods. Long, straight, round, a light wax-like yellow and of finest quality. Seed white, kidney shape, with dark blotch around the eye. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.



DAVIS WAX BEANS

GERMAIN'S BEANS

BEANS POLE

KENTUCKY WONDER. This is the leading all around pole bean being used alike for home gardens, market gardens and canners. It is early, vigorous, of good climbing habit. Pods very large. 8 to 10 inches, bright green, round, fleshy and somewhat crooked and crumpled as they mature but keep in eating condition till fully grown. A few plants of this variety will furnish your table with the best of snap beans for a good part of the summer. Seed long, oval, of a dull brown color. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

KENTUCKY WONDER WHITE SEEDED. Largely used by local market gardeners as it has an abundance of large tender pods and is two weeks earlier than the Brown Seeded Kentucky Wonder. Seeds snow white when ripe and are good used as dry beans. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

KENTUCKY WONDER RUST RESISTANT. A strain of Kentucky Wonder that is rust resistant, and should be planted in sections where beans are subject to rust. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

KENTUCKY WONDER WHITE SEEDED RUST RESISTANT. The rust resistant strain of white seed Kentucky Wonder. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00. If your beans are subject to rust plant the Rust Resistant Strains.

KENTUCKY WONDER WAX. An early and hardy bean somewhat resembling the Kentucky Wonder except in color of pods which are light yellow, broader and fully as good quality. If a wax podded bean is desired for home or market this is the one best variety to plant. Seed oval, flattened, somewhat shriveled, dark brown. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

ASPARAGUS OR YARD LONG. An introduction from the Orient, very vigorous and productive with pods two feet or more long which are round, tender, of good quality. You will find it an interesting novelty and somewhat different in taste from other kinds. Seed reddish brown and very small. Pkt. 5c; 1 lb. 75c.

SCARLET RUNNER. Largely planted for its brilliant scarlet flowers although it is also good as a snap bean when young. May also be used green, shelled. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

BROAD BEANS

GERMAIN'S ENGLISH, OR BROAD WINDSOR. The celebrated broad bean of England, growing on a strong stalk two feet high; beans eaten shelled. Pkt. 5c; 1 lb. 25c; 10 lbs. \$2.00.



WHITE
KENTUCKY WONDER



FORDHOOK BUSH
LIMA

LIMA BEANS

CULTURE. Limas should be planted only in warm weather as the seed will rot in cold soil. Except in favored warm sections we do not recommend planting before April or May. Plant 2 inches deep in rows three and one-half feet apart and 1½ to 2½ feet apart in the rows according to variety. One pound of seed will plant a 100 foot row, or fifty pounds to the acre. Limas will thrive in any good soil.

HEALTH QUALITIES OF LIMA BEANS	
Calories per lb.	570
Proteins	7.1%
Fats	.7%
Vitamins A, B	
Carbohydrates	22.0%
Iron	.0024%

BUSH VARIETIES

FORDHOOK. The best of the Bush Limas, sometimes called Butter Beans, grows a vigorous erect bush with large pods containing three to five beans, in clusters making picking easy. Beans are large, very thick, white with a tinge of green and of finest quality. Our stock of this splendid variety is very superior and we highly recommend it for your garden. Pkt. 5c; ½ lb. 25c; 1 lb. 40c; 10 lbs. \$3.50.

HENDERSON'S BUSH LIMA OR BABY LIMA. A very early and prolific variety. Beans small, flat and of fine quality. Can be grown in interior valleys, where the large seeded varieties do not thrive. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

BURPEE'S IMPROVED BUSH LIMA. The earliest maturing of all the large seeded Limas. Pods very large, thick, and contain usually four beans of large size and excellent quality. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

POLE VARIETIES

KING OF THE GARDEN. Perhaps the most popular of the Pole Limas, pods large and well filled with beans of excellent quality. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

MONSTROUS LIMA. Differs from other varieties in that it continues to bear several successive crops. Planted in favorable location in early winter it will mature crop in the spring. If vines are pruned after crop is picked you will get a fall crop. Owing to their great size they are usually planted in hills 4x6 ft. Coming at a season when other Limas are not in the market, they are a big money maker for the gardener. Pkt. 10c; ½ lb. 35c; 1 lb. 60c; 10 lbs. \$5.50.

GERMAIN'S BEETS

Betterave, Fr.

Barbabietola, Ital.

Remolacha, Sp.

Rube, Ger.

Note—Prices listed are postpaid.

HEALTH PROPERTIES OF BEETS

Calories per lb. 209

Vitamins A, B, C

Proteins 2.3%

Carbohydrates 9.7%

Fats .1%

Calcium .029%

Iron .00085%

TABLE BEETS

CULTURE. This is one of the few vegetables that can be grown the year around. A beet patch completes the garden. Seed planted at intervals of three weeks will keep beets coming in rotation. The seed should be sown in drills 15 inches apart and 1½ inches deep, and covered by hand unless following field culture. (The use of a rake for this purpose disturbs the seed and often draws the seed out of the ground. The result will be an irregular row.) Thin out then to 4 to 6 inches apart in the row. These young beet tops are excellent used as spinach. Frequent cultivation is essential to produce a successful crop. Most varieties of beets will mature in 50 to 55 days.

EXTRA EARLY EGYPTIAN. A splendid variety that matures sooner than any others. Tops small, roots small, dark red, somewhat flattened and of good quality. Plant it for first early crop. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

IMPROVED CROSBY OR EARLY WONDER. As early and desirable as the original Crosby, and of better color, being less of the light zoning. Tops small, roots very smooth and uniform, making it an ideal beet for bunching. Our stock of this desirable variety is the best obtainable. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

DETROIT DARK RED. The best general purpose variety on the list. Not quite so early as Egyptian, but of finest quality. Roots medium size, nearly round and dark blood red color with no light zoning, making it especially desirable for canning and equally good for home use or bunching for the market. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

BLOOD TURNIP IMPROVED. A very fine strain; requires a longer time to mature than Detroit Dark Red. Roots are dark red round, and flesh is a deep red with lighter zoning. This variety is sweet, crisp and tender. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

SWISS CHARD

SWISS CHARD, OR SILVER. Cultivated for its leakstalks, which are served like asparagus, and for its leaves, cooked like spinach. Cut often, as new stalks will be produced. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

SWISS CHARD LUCULLUS. Leaves very crinkled of an attractive light green color and very thick and fleshy. Easily grown and furnishes a supply of good greens for a long period. Very desirable for poultry feed. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

GERMAIN'S seeds are planted the country over. We take pride and pleasure in knowing that our customers are obtaining the results that we claim for them.

"I ordered from your catalogue and had great success from each of the several seed assortments."—Edwin S. Ryce, Pittsburgh, Pennsylvania.

"Last year your seeds gave most excellent results in our garden here in Minnesota."—F. W. Bliss, Minneapolis, Minn.

"This repeat order should be evidence that we have had good results with your seed."—Chicago, Illinois.

IMPROVED CROSBY'S OR EGYPTIAN WONDER

BRUSSELS SPROUTS

Chou de Bruxelles, Fr.

Rosen Kohl, Ger.

Cavolo, Ital.

Bretones de Bruselas, Sp.

Note—Prices listed are postpaid.

CULTURE. Sow in September and October and treat same as Cabbage.

GERMAIN'S HALF DWARF PARIS MARKET. A half dwarf sort, bearing handsome crops of round, hard sprouts of the finest quality. Pkt. 5c; oz. 25c; ¼ lb. 85c; 1 lb. \$2.50.

GERMAIN'S STOCK AND SUGAR BEETS

Note—Prices listed are postpaid.

Write for Quantity Prices.

CULTURE. Stock Beet seed should be sown about one inch deep, in well-cultivated soil in drills eighteen inches to three feet apart (depending upon the method of cultivation). When the plants are sufficiently large, thin out to stand ten to twelve inches apart in the rows. The seed is generally sown at the rate of eight to ten pounds per acre.

VARIETIES

MAMMOTH LONG RED. There is no other root crop grown which produces so large a tonnage per acre as the Mammoth Long Red Beet. Our strain of Mammoth Long Red is exceptionally fine and expressly grown for our own trade from selected well-shaped roots. This Beet has a distinct appearance; roots are massive, straight and uniform in size, broad shouldered, free from coarseness and of most excellent feeding and keeping qualities. Pkt. 5c; 1 lb. 60c; 10-lb. lots \$5.50, postpaid.

GIANT HALF SUGAR ROSE. This variety is one of the favorites among the dairymen and hog raisers. It is very sweet and nutritious, as it has a larger sugar content than the ordinary mangel. It is a cross between a sugar beet and a regular mangel wurzel, therefore its name. It is also a splendid yielder and good keeper. Pkt. 5c; 1 lb. 60c; 10-lb. lots \$5.50, postpaid.

GOLDEN TANKARD. This is also a very popular variety. The roots are large, but filled out at top and bottom, terminating with a small tap root; flesh deep golden yellow, solid, crisp, sweet and rich. Does not keep quite as well as the two above mentioned varieties. Pkt. 5c; 1 lb. 60c; 10-lb. lots \$5.50, postpaid.

SUGAR BEETS

This variety can be planted for stock food purposes. The tonnage per acre will not be as great as above mentioned varieties, but the sugar content will be much higher. Pkt. 5c; 1 lb. 60c; 10-lb. lots \$5.50, postpaid.



SWISS CHARD OR SILVER

GERMAIN'S CABBAGE

Repotto, Sp.

Kohl-Kraut, GER.

Chou pomme, FR.

Cavolo, ITAL.

HEALTH PROPERTIES OF CABBAGE

Calories per lb. .145
Proteins 1.6%
Fats .2%
Vitamins A, B, C
Carbohydrates 5.6%
Calcium .045%
Iron .00043%

CULTURE. Knowing the first essential of successful cabbage growing to be good seed, we have always obtained our seed from the finest European seed growers, and therefore we have built up an enviable reputation for the quality of our seed. We advise the planting of seed in beds or land of light, rich texture at a depth not to exceed $\frac{1}{2}$ -inch; and the soil should be pressed firmly over the seed. The plants should not be allowed to crowd one another before they are transplanted, but as soon as large enough to be handled should be lifted out to their permanent place. For early varieties, such as Winnigstadt, plant in rows $2\frac{1}{2}$ feet apart, plants 1 foot apart in the row. The larger headed varieties, $1\frac{1}{2}$ feet apart in the row. For the permanent field, soil of a firm, stiff, rich nature is preferred. Immediately after transplanting, the plants should be watered and constant, deep cultivation is very essential. Sudden changes of temperature have a tendency to make cabbage go to seed and growers should watch them carefully to see that their field is moist but properly drained. Cabbage may be planted throughout the year in the southwest. Four ounces of seed will plant one acre.

COPENHAGEN MARKET. This cabbage is the leader in the round headed varieties and is the most desirable all purpose cabbage we list. For earliness, sure heading, uniformity in size and shape and superior quality, it easily takes first place. Matures in about 66 days, heads weigh about 4 lbs. Our stock is carefully selected with the view of inducing our customers to plant this splendid variety year after year. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; 1 lb. \$3.00.

EARLY WINNIGSTADT. Though an old variety, Winnigstadt is still the leader in the pointed headed list being early, very hard, sure heading and of superior quality. Matures in about 77 days, heads weigh about 5 lbs. Our stock is from the best sources carefully selected and will give entire satisfaction for the home garden, market gardener, or shipper. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.00.

DANISH BALL HEAD. Undoubtedly the best of the late cabbages. Is planted in August and September and matures in the early spring. Produces very solid, large, globe shaped and slightly flattened heads. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; 1 lb. \$3.00.

EARLY FLAT DUTCH. Very hardy, handsome, very solid, of fine quality, and as one of the very best keepers, it is particularly desirable for distant markets or for late spring use. Compact growing, with long stems and exceedingly hardy in resisting cold and dry weather. Matures in 71 days, heads round and weigh about 5 lbs. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.00.

LATE FLAT DUTCH. A low-growing variety; heads large, weighing 12 to 14 pounds, bluish green, round, broad and flat on top; an excellent fall and winter variety; good keeper. Matures in 105 days. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.25.

DRUMHEAD SAVOY. Is a heavy producer, has crumpled, deep and rich green leaves. Heads are globe-shaped and large and mature in about 85 days. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 85c; 1 lb. \$2.50.

CANNONBALL. A round headed variety, highly recommended by us for August and September planting. An excellent shipper. Our stock is unsurpassed. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; 1 lb. \$3.00.

EARLY JERSEY WAKEFIELD. An excellent variety. A sure header. We recommend it for the home gardener. Matures in about sixty days after transplanting. The heads are conical in shape; seven to eight inches high and about five inches in diameter and weigh about two to two and a half pounds each. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.00.

MARKET GARDENERS!

Please write us and ask for our Market Garden Prices on larger quantities. We are headquarters for sprayers, insecticides and are always glad to furnish you with information.

CHINESE CABBAGE

Chinese White or Wong Bok

CHINESE WHITE. A valuable contribution to our list from China where it has been grown for centuries. Habit of growth like Cos-Lettuce, seed sown in rows, 30 inches apart and thinned to 12 to 15 inches in rows. Outer leaves delicate light green, inner leaves blanched to a creamy white, delicate and fine flavored either as salad or cooked like ordinary cabbage. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.00.

HOME GARDENERS!

In order to have Cabbage the year around we suggest your planting Golden Acre (extra early), Early Winnigstadt (early), Copenhagen Market (medium), Late Flat Dutch (late).

CABBAGE WINNIGSTADT

CABBAGE CHINESE WONG BOK



CELERY
GOLDEN SELF
BLANCHING

GERMAIN'S CELERY

Celeri, Fr. Sedano, Apio, ITAL. Apio, Sp. Bleich Sellerie, GER.

Note—Prices listed are postpaid.

CULTURE. Sow from February to May in drills one foot apart. Later, usually in June, transplant to rows three feet apart and six inches apart in row. Rows should be furrowed out so plants may be set six inches deep. Later, soil may be banked against rows for blanching, even so-called self-blanching varieties needing the cool, moist soil to render the stalks crisp and tender, but this should not be done until a few weeks before harvesting. One ounce of seed will produce 5000 plants.

GOLDEN SELF BLANCHING FRENCH GROWN. OLD STRAIN. For years this has been the leading variety of celery grown, and thousands of carloads are shipped out of California each year. It produces a rather short blocky head of finest quality, blanches easily to a beautiful golden yellow and especially on very rich land is still in great demand by our growers. Pkt. 5c; oz. \$1.00; ¼ lb. \$3.35; 1 lb. \$10.00.

GOLDEN SELF BLANCHING FRENCH GROWN. NEW TYPE. A late development of the original strain which grows taller. Takes a little longer to mature but produces wonderful crops of finest quality celery. Our stock is imported from the best French sources and put up in original sealed bags for the further protection of our customers. Pkt. 5c; oz. \$1.00; ¼ lb. \$3.35; 1 lb. \$10.00.

GOLDEN SELF BLANCHING, CALIFORNIA GROWN. Much like the new type French, and considered by many growers of equal quality. Pkt. 5c; oz. 50c; ¼ lb. \$1.65; 1 lb. \$5.00.

WHITE PLUME. A very early variety of attractive appearance and good quality valuable where earliness is desired. Pkt. 5c; oz. 25c; ¼ lb. 85c; 1 lb. \$2.50.

HEALTH PROPERTIES OF CELERY

Calories per lb. 84.

Vitamins A, B;

Proteins 1.1%;

Carbohydrates 3.3%;

Fats .1%;

Calcium .078%;

Iron .00062%.

SPACING AND NUMBER PLANTS PER ACRE

Distance Apart		No. of Trees or Plants per Acre	Distance Apart		No. of Trees or Plants per Acre
3	by 4 in.	522,720	6	by 7 ft.	1,031
4	by 4 in.	392,040	6	by 8 ft.	907
6	by 6 in.	174,240	6	by 9 ft.	806
1	by 1 ft.	43,560	6	by 10 ft.	726
1 ½	by 1 ½ ft.	19,360	7	by 7 ft.	888
2	by 1 ft.	21,780	8	by 8 ft.	680
2 ½	by 2 ft.	10,890	9	by 9 ft.	537
3	by 1 ft.	6,960	10	by 10 ft.	435
3 ½	by 1 ft.	14,520	11	by 11 ft.	360
3	by 2 ft.	7,260	12	by 12 ft.	302
3	by 3 ft.	4,840	14	by 14 ft.	222
3 ½	by 3 ½ ft.	3,555	15	by 15 ft.	193
4	by 1 ft.	10,890	16	by 16 ft.	170
4	by 2 ft.	5,445	16 ½	by 16 ½ ft.	160
4	by 3 ft.	3,630	17	by 17 ft.	150
4	by 4 ft.	2,722	18	by 18 ft.	134
4 ½	by 4 ½ ft.	2,150	19	by 19 ft.	120
5	by 1 ft.	18,712	20	by 20 ft.	108
5	by 2 ft.	4,356	25	by 25 ft.	69
5	by 3 ft.	2,904	30	by 30 ft.	48
5	by 4 ft.	2,178	33	by 33 ft.	40
5 ½	by 5 ft.	1,742	40	by 40 ft.	27
5 ½	by 5 ½ ft.	1,440	50	by 50 ft.	17
6	by 6 ft.	1,200	60	by 60 ft.	12
6 ½	by 6 ½ ft.	1,031	66	by 66 ft.	10

GERMAIN'S CAULIFLOWER

Coliflor, Sp. Chou-fleur, Fr. Blumenkohl, GER. Cavol-fiore, ITAL.

Note—Prices listed are postpaid.

CULTURE. Prepare the seed-bed carefully, using only rich and thoroughly pulverized soil. Good results are obtained by keeping the plant in a healthy and rapidly growing condition. Broadcast the seed in the seed-bed prepared, sowing the early varieties from May 15th to July 1st; medium early varieties May 20th to July 5th; and late varieties any time from June 25th to Aug. 25th inclusive. When the plants are 40 days old, they are ready for the field. Transplant to 24 inches apart in rows 30 to 36 inches apart. Do not leave plants in the hot-bed over 45 days as the stems become hard and poor results follow. Keep the plants vigorous and growing. Due to different localities requiring a different time of planting of Cauliflower, we advise your writing us for specific planting information, which we will be glad to give.

EARLY SNOWBALL. It is a snow-white Cauliflower and its leaves have a tendency to over-lap at the top of the flowers. In this way, it protects from injury, exposure to frost, rain or heat. It is very essential that good cauliflower be so protected on account of shipping, and in this, our strain is perfect. Our market garden trade is immensely pleased with this strain and our business on it has grown to very large proportions. Pkt. 5c; ¼ oz. 85c; 1 oz. \$2.50; ¼ lb. \$6.25; 1 lb. \$25.00.

GERMAIN'S MEDIUM PEARL Plant from May twentieth to July fifth. This is the money-maker for the market grower as it becomes ready for the market at the time when prices are best. Pkt. 5c; ¼ oz. 65c; 1 oz. \$2.00; ¼ lb. \$6.65; 1 lb. \$20.00.

GERMAIN'S LATE PEARL. Here we have a distinctive type which should be planted June 25th to August 25th. This is a taller plant than the other type as it grows to a height of three feet or more. It should be planted two feet apart in rows three feet apart. Price Pkt. 5c; ¼ oz. 65c; 1 oz. \$2.00; ¼ lb. \$6.65; 1 lb. \$20.00.

HEALTH PROPERTIES OF CAULIFLOWER

Calories per lb. 139; Vitamins A, B, C; Proteins 1.8%; Carbohydrates 4.7%; Fats .5%; Calcium .123%; Iron .00094%.



CAULIFLOWER EARLY SNOWBALL

GERMAIN'S CARROTS

Carotte, Fr.

Carota, ITAL.

Moebre, GER.

Zanahoria, Sp.

Note—Prices listed are postpaid.

HEALTH PROPERTIES OF CARROTS
Calories per lb. 204; Vitamins A, B, C;
Proteins 1.1%; Carbohydrates 9.3%;
Fats .2%; Calcium .056%.
Iron .00064%.

CULTURE. Sow any time in deep, loose soil, preferably sandy loam about one-half inch deep, in rows eighteen inches apart and thin to three inches apart. Water freely at all times. The carrot is one of the most wholesome and nutritious of our garden roots deserving to be more extensively used for culinary purposes and we urge our readers to give some of the early table sorts a trial. One ounce of seed

will sow about 150 feet of row. Four pounds to the acre.

FRENCH FORCING. An excellent variety for the home garden and early market. It is reddish orange in color, small and globe shaped and of excellent quality. This is the earliest of the Carrots and will produce roots in about 60 days. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

CHANTENAY. The best of the early carrots, about 6 inches long, stump rooted, smooth, fine grained and sweet; a fine sort for bunching, for market, or for home gardens. This variety is deep orange in color, a heavy yielder and has a growing period of about 70 days. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

DANVERS HALFLONG. Within the last few years the growing of carrots in large acreage for shipment to eastern markets has grown by leaps and bounds and most of the hundreds of carloads shipped are Danvers Halflong. To be chosen for such a purpose proves they are the right size, the right color and the right quality. None better for home gardens. It is very productive, flesh bright orange in color and very tender, six to seven inches long, about 1½ inches thick and tapered. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

LONG ORANGE. A very heavy producer on light porous soils. It is a large variety ten to twelve inches long, two inches across at the top, tapered and pointed. Produces in about 85 days. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

OXHEART. A short, thick variety, the best to plant on heavy soil where it can be easily lifted. A very heavy yielder and excellent quality. Roots are scarlet-orange in color, about five inches in length, and are ready for the table about 75 days after planting. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

IMPERATOR. A new introduction sure to be one of the best selling varieties. In appearance, it is sleek, seven to eight inches in length with round shoulders, allowing it to bunch well. Its color is a deep orange and its core is very indistinct. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

WHITE BELGIAN. A late variety, an excellent keeper and a very heavy yielder. Principally grown for stock feed, it will yield as much as 40 tons per acre. Roots are seven to eight inches long, three inches across at the top, tapered and pointed. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

YELLOW BELGIAN. Same as the White Belgian except that the color is light orange and its keeping qualities are perhaps not quite as good. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

COLLARDS

Chou Cosa, Fr.

Cavolo Verde, ITAL.

Cabu, Sp.

Futterkohl, GER.

Note—Prices listed are postpaid.

CULTURE. A plant similar to cabbage. It does not, however, produce a head, the central leaves often forming a loose rosette.

They are tender and used as a pot herb like kale. They are also desirable as greens for poultry or rabbits. The same culture is applied as to cabbage, except spacing; plant 15 inches apart in rows 3 feet apart when in field.

TRUE GEORGIA. A strong growing variety with light green leaves. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.



CHANTENAY

Celeri-rave, Fr.

Apio-naba, Sp.

Sedano-rapa, ITAL.

Knollen Sellerie, GER.

CELERIAC

Note—Prices listed are postpaid.

CULTURE. It is grown in nearly the same way as common celery and like this vegetable, requires good rich, moist, mellow, and well-manured soil. It is generally sown in seed beds in February and can be planted until May. When about 4 to 6 inches high the plants should be removed from seed bed and planted 6 inches in the rows and the rows should be about 24 inches apart. Plants require no further attention than frequent watering and it is necessary to have the ground well cultivated and free from weeds.

CELERIAC, LARGE, SMOOTH PRAGUE. It is a turnip-rooted celery of distinctive flavor similar to celery. It makes a wonderful salad when cooked and cut cold. Pkt. 5c; oz. 25c; ¼ lb. 85c; 1 lb. \$2.50.



OXHEART

DANVERS HALF LONG

CHICORY

Chicoree, Fr. Cicoria, ITAL. Achicoria, Sp.
Chicorie, GER.

Note—Prices listed are postpaid.

CULTURE. Sow any time except in hottest weather, though early spring is preferable, in rows thirty inches apart and three or eight inches apart in row. A deep-rooting plant requiring little care if soil is moist.

RADICETTA (Italian Chicory). Grown for its long, narrow leaves which make a delicious salad. Pkt. 5c; oz. 45c; ¼ lb. \$1.50; 1 lb. \$4.50.

LARGE ROOTED MAGDEBURG. This variety is grown for its roots, which are dried or roasted and ground as a substitute or adulterant for coffee. The leaves can also be used and should be cut when fresh. They make a splendid salad. To secure large roots, soil should be light, rich and deeply worked. Plants should be thinned from 4 to 6 inches. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.

WITLOOF OR FRENCH ENDIVE. Is used as a salad and is most delicious served with French dressing and eaten like lettuce. Seed should be sown in June, July and August in drills thirty inches apart and the seedlings should be thinned out to stand not closer than 8 inches.

In the fall, lift the plant, trim off the leaves and store in sandy soil in a cool place until wanted for forcing.

The roots should be planted upright about 1½ to 2 inches apart in a trench 16 to 18 inches deep. This brings the neck of the root within 9 inches of the level of the surface of the trench, which should be filled with light soil. It requires about one month to force the root. The heads are then cut off with a small portion of the neck of the root attached. We recommend this vegetable to those who enjoy a salad of exceptional flavor. It can be easily grown if these directions are carefully followed. Pkt. 5c; oz. 20c; ¼ lb. 65c; 1 lb. \$2.00.

GERMAIN'S SWEET CORN

Mais, FR.

Grano turco, ITAL.
Zucker Mais, GER.

Maiz, SP.

All prices on this page are postpaid.

CULTURE. Sweet corn should not be planted until in the spring when all danger of frost is past. The soil preferred is one rich and moist. Corn is not a lazy man's crop, as continual cultivation is necessary. Plant in hills 18 inches apart with rows 3 feet apart. Three or four seeds may be planted in each hill but not more than two allowed to stand. As "suckers" or excess shoots appear they should be removed as they take strength from the mother plant. Whenever soil presents an appearance of drying, irrigate. For corn ear worm, dust with Dry Arsenate of Lead as soon as the silk begins to show on the corn, dusting the silk thoroughly. Dry Arsenate is used by mixing from two to four ounces of arsenate of lead to one pound of flour or hydrated lime. Prices: 1 lb. pkg. 40c; 4 lb. pkg. \$1.00. Express only.

Note—Prices up to and including ten pound quantities include postage or expressage prepaid. When sent otherwise, deduct 10 cents per pound or fraction thereof. If quantities are desired do not fail to write for special prices.

EARLY ADAMS. Used largely for early corn as it is very hardy, resists cold weather, and matures quickly. Is tender and of good quality. Can be grown successfully in the hot valleys. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

GOLDEN BANTAM. This golden colored corn is the leading variety for early home garden planting, ears though small are numerous and of finest quality, very sweet and tender. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

GOLDEN GIANT. We introduced this splendid variety a few years ago and it has sold beyond our expectations and is rapidly becoming a favorite.

The plant is sturdy and vigorous with usually two fine symmetrical 12-rowed ears with a heavy husk. It is fully a week earlier than Oregon Evergreen with the tender luscious melting quality of Golden Bantam, which makes it not only an ideal corn to plant for the home garden but it is making a place for itself among market gardeners. Do not fail to try Golden Giant as it is of Golden Bantam quality, is earlier than other main crop varieties, and a heavy producer. Price, pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

BLACK MEXICAN. Regarded by many as the best second early sweet corn, very sweet and tender. Ears are white when in eating condition turning black as it matures. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

EARLY ALAMEDA. Very early dwarf type, growing about four to five feet tall. Corn of good quality. Recommended for early market. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

OREGON EVERGREEN. We sell each year more Oregon Evergreen Sweet Corn Seed than all other Sweet Corns combined and its use is increasing each year showing it is firmly established as the favorite variety with planters generally. It is a main crop or second early variety, very vigorous and productive. Ears large and well filled to the tip with large delicious pearly white grains. We have selected a heavy tight husk which protects it from the corn ear worm. For a sure crop, high quality, heavy producer, plant our Oregon Evergreen. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

COUNTRY GENTLEMEN. A good home garden variety, cob small, grains very deep, small and irregular, very sweet and tender. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

STOWELLS EVERGREEN. Best for late corn. Ears large and of best quality. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

HEALTH PROPERTIES OF CORN

Calories per lb. 470; Vitamins A, B, G; Protein 3.1%; Carbohydrates 19.7%; Fats 1.1%; Iron .0008%.

OREGON EVERGREEN

GOLDEN BANTAM

POP CORN

Culture. Requires same care and culture as a sweet corn.

QUEEN'S GOLDEN. A large-eared and handsome yellow pop corn. Grains are large, pop perfectly white and are exceedingly tender. Plant grows about six feet high, and yields three or four ears to the stalk. 1 lb. 30c; 10 lbs. \$2.50.

WHITE RICE. A popular and productive variety. The kernels are fine, white, and the ears are from four to five inches in length and from one to one and a quarter in diameter; one pound to the stalk. 1 lb. 30c; 10 lbs. \$2.50.

CHIVES

Cebelleta, SP. Schnittlauch, GER. Ciboulette, FR.

CULTURE. The same methods of growing are used as for green onions. When the plant is about 2 inches high it should be transplanted to 3 inches apart in rows which are 1½ inches apart. Grown for the young leaves which are produced freely from early spring throughout the summer. It is a perennial of continuous growth and as the leaves are cut away, new growth comes on. Flavor mild, resembling that of an onion; is used in soups and various other dishes if onion flavor is desired. Pkt. 5c; oz. 75c.

GERMAIN'S CUCUMBERS

Note—Prices listed are postpaid.

Concombre, Fr.

Cetriolo, Ital.

Pepino, Sp.

Gurken, Ger.

HEALTH PROPERTIES OF CUCUMBERS

Calories per lb. 79
Vitamins A, B, C
Proteins .8%
Carbohydrates 3.1%
Fats .2%
Calcium .016%
Iron .00033%

CULTURE. Cucumbers should not be planted until all danger of frost is over and the ground is warm, because like all vine crops the seed is liable to rot unless proper conditions prevail.

Cucumbers should be grown in every garden, for slicing for the table and small fruits for pickling. In most sections two plantings can be made. First, as early as the weather permits, second, the latter part of July or first of August.

The early planting will produce cucumbers for table use and the late planting will give the best supply of young fruits for pickling purposes. Most varieties are ready for picking from 60 to 65 days after planting.

Sow 6 to 10 seed in hills 4 to 6 feet apart. After all danger of pests are removed and you are sure of your plants, thin, leaving the three strongest. Cucumbers enjoy a light, sandy, rich soil. They should be planted one inch deep. One ounce will plant 50 hills; 2 pounds, one acre.

LEMON CUCUMBER

LEMON. This cucumber is quite distinct from most varieties as the name indicates; it is the size and shape of a good sized lemon, color creamy white when at its best eating condition which turns yellow as it ripens. Makes a distinctive and very fine pickle when small and is the finest cucumber grown for slicing being very crisp and delicate and never turning bitter. For your own garden plant Lemon for the finest slicing cucumber you can grow. Pkt. 5c; oz. 25c; ¼ lb. 15c; 1 lb. \$2.00.

EARLY FORTUNE. After careful and repeated trial in our grounds we are convinced that Early Fortune is the best all purpose main crop cucumber on our list, equally desirable for the home garden where a good quantity, crisp and tender cucumber is wanted or for shipping to distant markets. It is about 9 inches long of uniform diameter (2½ inches) making it an ideal shape to pack and carry nicely. The color is a deep attractive green with white spines. Seed cavity small, flesh very crisp and solid. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.

BOSTON PICKLING. An early pickling or slicing variety. Fruits weigh about 1½ lbs., 6 inches long and 2½ inches in diameter. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.

CHICAGO PICKLING. Medium size and season good for pickles or slicing. Fruits about 6½ inches long and 2½ inches in diameter. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.

CUCUMBER
EARLY FORTUNE

DAVIS PERFECT. A favorite with market gardeners and shippers. Long, slim and dark green, holding its color well to maturity. Fruits weigh about 2 lbs., are 10 inches long and 2½ inches in diameter. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.

KLONDIKE. Another good white spined variety medium length, very dark color and fine quality. Vine vigorous and productive. Fruits weigh about 1½ lbs., 7½ inches long and 2½ inches in diameter. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.

JAPANESE CLIMBING. A very rampant grower good for trellis, fruits long deep russet, and of excellent quality, weigh 2 lbs., 8 to 9 inches long and 2½ inches in diameter. Pkt. 5c; oz. 20c; ¼ lb. 65c; 1 lb. \$2.00.

SALAD CUCUMBER. An excellent variety for the home gardener and also for the market gardener. Very mild in flavor, attractive bright yellow in color, and 6 to 7 inches long. We advise giving this recent introduction a trial. Pkt. 5c; oz. 30c; ¼ lb. \$1.00; 1 lb. \$3.00.



CUCUMBER KLONDIKE

WEST INDIA GHERKIN. Quite distinct from other cucumbers, vine resembles watermelon, fruits small (2 inches long, 1 inch in diameter), oval, used only for pickles when very small, very prolific. Pkt. 5c; oz. 20c; ¼ lb. 65c; 1 lb. \$2.00.

EARLY WHITE SPINE. An early variety especially good for home growing. Fruit about seven inches long, cylindrical, medium green and very firm and crisp. A sure yielder and highly recommended. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.

IMPROVED LONG GREEN (Longfellow type).

One of the best for all purposes—fruits long and slender, seed cavity small, quality unequalled. In accordance with our policy to offer only the best improved types, we have selected this recent development which is far superior to the old Long Green strain. Fruits weigh 2¼ lbs., are 12 to 15 inches long and 2½ inches in diameter. Pkt. 5c; oz. 20c; ¼ lb. 65c; 1 lb. \$2.00.

PROTECT YOUR CUCUMBERS BY USING HOTKAPS

HOTKAPS are waxed paper cones, easily set out in quantity over seed or growing plants. They guard against rain, frost, cold, wind, hail, birds and insects, and maintain perfect mulch. Growth is forced and yield is increased 10 to 25 per cent. Crops mature 2 to 3 weeks earlier, and bring premium prices. Prices: 1,000 for \$9.75; 250 package with setter and tamper, \$3.65; 100 package with setter and tamper, \$2.40; steel setter, \$1.50; Garden setter, 50c. Postage extra.



GERMAIN'S EGG PLANT

Aubergine, FR. Berenjena, Sp. Petonciano, ITAL. Eierfrucht, GER.

Note—Prices listed are postpaid

CULTURE. The plants should be started under glass if wanted early. If later results are desired, seed should be planted in cold frames or in boxes where special care can be given.

Egg plant seed is very delicate and will not grow unless special care is given it. It is easily affected by cold weather. Seed should be barely covered and particular attention should be given to have well-pulverized soil of rich composition. Moisture is an important factor and care should be taken to have the soil in beds or boxes moist, as any check to growth is exceedingly difficult to overcome and invites failure.

Plants should not be set out permanently until all danger of frost is over, using plants 6 to 8 inches tall of vigorous growth for setting in the field. Space plants 3 feet apart each way and cultivate thoroughly throughout the season.

NEW YORK IMPROVED. None of this delicious vegetable has ever been brought to such a state of perfection as GERMAIN'S Strain of New York. An early variety, large, oval-shaped and the deep purple kind that tastes surprisingly like oysters when fried. It has an indescribably delicate and alluring flavor when stewed. This variety is a great producer, 50 to 60 pounds having been grown from one plant. It has been perfected beyond any tendency to pithiness or dryness. Pkt. 5c; oz. 50c; ¼ lb. \$1.65; 1 lb. \$5.00.



NEW YORK IMPROVED EGG PLANT

HEALTH PROPERTIES OF EGG PLANT

Calories per lb. 126; Vitamins A, B; Proteins 1.2%; Carbohydrates 5.1%; Fats .3%; Calcium .011%; Iron .00047%.

ENDIVE

CULTURE. Same as for lettuce.

GREEN CURLED makes a fine salad, especially for winter use. When ready for use outer leaves are green with the center of the head blanched to creamy white.

The use of this variety has increased greatly in the past few years and carloads are now shipped to Eastern markets. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

PANCALIER. Another large variety differing in that ribs are tinged with pink, and foliage very dense. Excellent for salads. Price: Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

RUFEC. An excellent large variety. Plants 16 to 18 inches in diameter. Green, ribbed, curly leaves. Heart very crisp and bleaches to creamy white. A favorite variety for both market garden and shipping use. Price: Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

BROADLEAVED BATAVIAN. Makes an excellent winter salad grown like lettuce and heads tied loosely for blanching; regarded by some as the best of the Endives. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.



ENDIVE GREEN CURLED

CRESS

OR PEPPER GRASS

Cresson, FR. Agretto, ITAL.
Berro o Mastuerzo, Sp. Garten Kresse, GER.

Note—Prices listed are postpaid.

CULTURE. There are many kinds of cress, all characterized by a more or less pungent taste. They are used in salads and for garnishing dishes.

Water cress is grown in almost any ditch, shallow stream, or moist earth, and also under benches in greenhouses. It is a perennial and is propagated by scattering either seeds or freshly cut stems where the plants are wanted to grow.

Pepper grass or cress should be sown thickly in drills every few days if a succession is wanted. One ounce will sow 200 feet of row.

FINE CURLED (Pepper Grass). Grown very quickly from seeds sown thinly in drills. Leaves are finely curled and very ornamental but as the plant runs quickly to seed, frequent plantings should be made. The flavor resembles that of mustard. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

WATER CRESS. A heavy foliaged plant, adapted to water culture. It has a slightly pungent taste. Pkt. 5c; oz. 40c; ¼ lb. \$1.35; 1 lb. \$4.00.

DANDELION

Note—Prices listed are postpaid.

CULTURE. It is used for greens and is much prized by epicures. Sow seeds in the spring in rows 1 foot apart and thin plants to stand 1 ft. apart in the row. Sandy loam soil is best suited.

IMPROVED. An early, large broad-leaved variety. Pkt. 5c; oz. 75c.



1934 TRIALS AT OUR VALLEY RANCH

LEEK

Poireau, FR. Puerro, Sp.
Porro, ITAL. Lauch, GER.

CULTURE. Leek is a very hardy plant with a sweet onion-like flavor. It resembles the young onion growth in the spring as it does not bulb.

The necks or stems are blanched by drawing the earth up about them as the plant grows in size or they can be transplanted to trenches and the trench gradually filled as the plant grows. They should be planted in drills or rows 24 inches apart and the plants 6 inches apart.

Plant seed in seed bed, broadcast or in drills, covered to depth of one-half inch, and when plants are about as thick as good sized goose quill they should be transplanted.

LONDON FLAG. A large and strong plant; hardy. Pkt. 5c; oz. 25c; ¼ lb. 85c; 1 lb. \$2.50.

HEALTH PROPERTIES OF LEEK

Calories per lb. 150 Vitamins A, B, C
Proteins 1.2% Carbohydrates 5.0%
Fats 0.5% Iron .00048%



LEEK LONDON FLAG



KOHLRABI

HERBS

Pot, Sweet and Medicinal

Note.—Prices listed are postpaid. 5c per packet

Every good cook uses herbs in the culinary art, but comparatively few housewives are acquainted with the delicious and appetizing flavors secured by the addition to many dishes of one or more of the old fashioned herbs. Easily grown in the house yard and preserved for use simply by drying and placing in tight jars. No order for garden seeds should fail to include them.

Angelica Garden (Archangelica officinalis).
Anise (Pimpinella anisum).
Balm (Melissa officinalis).
Basil Sweet (Borago officinalis).
Borage (Borago officinalis).
Caraway (Carum carui).
Catnip (Nepeta Cataria).
Coriander (Cariandrum sativum).
Cumin (Cuminum cymium).
Dill (Anethum graveolens).
Fennel, Sweet (Foeniculum vulgare).
Horehound (Marrubium vulgare).
Hyssop (Hyssopus officinalis).

Lavender (Lavender vera).
Marjoram, Sweet (Origanum Majorana).
Rosemary (Rasmarinus officinalis).
Rue (Ruta graveolens).
Saffron (Carthamus tinctorius).
Sage (Salvia officinalis).
Savory, Summer (Satureja hortensis).
Savory, Winter (Satureja montana).
Sorrel.
Tansy (Tanacetum vulgare).
Thyme, Broad-Leaved (Thymus vulgaris).
Wormwood (Artemista absinthium).

GERMAIN'S KOHLRABI

Col de Nabo, Sp.

Kohl-Rabi, GER.

Chou Rave, FR.

Cavolo rapa, ITAL.

HEALTH PROPERTIES
OF KOHLRABI
Calories per lb. 140
Vitamin C
Proteins 2.0%
Carbohydrates 5.5%
Fats .1%
Calcium .077%
Iron .00061%

HEALTH PROPERTIES
OF KALE
Vitamin A
Iron .00254%

CULTURE. This vegetable is a cross between a cabbage and a turnip. The edible portion is the large bulb which forms on the stem above the soil. We advise successive sowing in order to obtain tender bulbs, which have a mild, delicate, cabbage-like flavor. It is a hardy plant and seed may be sown practically all the year around. Plant it like turnip and thin to six inches apart in row. One ounce seed will produce 2000 plants. Use when 2½ to 3 in. in diameter as it soon becomes woody.

EARLY WHITE VIENNA. Flesh white and tender. Pkt. 5c; oz. 25c; ¼ lb. 85c; 1 lb. \$2.50.

EARLY PURPLE VIENNA. Bright purple in color. Pkt. 5c; oz. 25c; ¼ lb. 85c; 1 lb. \$2.50.

KALE OR BORECOLE

Chou Vert, FR.

Cavolo Verde, ITAL.

Breton, Sp.

Blaetterkohl, GER.

Note.—Prices listed are postpaid.

CULTURE. This is a very popular boiling green and in Southern California can be grown the year around. It resembles cabbage in flavor. is a hardy plant and can be easily grown from seed. Plants are usually cut off when the leaves are 6 inches or more in length, but with the fine curled varieties the leaves can be gathered for use when of good size. If the tall Scotch variety is planted, the lower leaves should be carefully pulled off so that the plants can grow on and furnish a continuous supply. This is also true of Jersey or Tree Kale. One ounce of seed will produce 4000 plants. 2 lbs. will plant an acre. Seed should be sown thinly in drills and plants reset 18 inches apart in rows 3 feet apart.

DWARF CURLED SCOTCH. Very hardy, excellent for spring use. This variety grows very close to the ground. The leaves are finely curled and are deep green in color. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

GREEN CURLED SCOTCH. The kind most commonly used; grows to a height of eighteen inches; spreads to three feet in diameter; leaves bright green and curled. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

THOUSAND HEADED OR JERSEY KALE. An excellent food for poultry, an immense yielder. Crops are known to have gone as high as 60 tons of green feed per acre. Anyone having poultry should plant it. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

Seed should be planted in drills 3 feet apart and the plants transplanted when from 6 to 8 inches high. The plants should be set three feet apart each way.

They grow about 4 feet high with a wide spread of leaves and a single plant often weighs 30 to 40 pounds.

GARLIC

CULTURE. Garlic is a perennial plant with a bulbous root and belongs to the onion family. It has flat leaves and the bulb is composed of several parts or bulbs similar to those of a multiplier onion set. Garlic has a strong, penetrating odor and flavor and is highly esteemed for flavoring soups, stews, etc. We cannot offer seeds but can supply the bulbs or sets.

Prepare the ground as for onions, separate the sets and plant them in drills eight inches apart and four to six inches apart in the drill, covering two inches deep. Cultivate like onion sets. When the leaves turn yellow, pull bulbs and dry in the shade.

GARLIC SETS. Per pound 40 cents postpaid. Write for prices when quantities are wanted.

FENNEL

FLORENCE FENNEL (Sweet Anise). Usually planted in the early fall in rows about 30 inches apart. Grown chiefly for the bulb which has a delicious and sweet flavor. Price: Pkt. 5c; oz. 20c; ¼ lb. 65c; 1 lb. \$2.00.



GARLIC

FLORENCE FENNEL

GERMAIN'S LETTUCE

Lechuga, Sp.

Laitue, Fr.

Lattuga, ITAL.

Lattich, Salat, GER.

HEALTH PROPERTIES OF LETTUCE

Calories per lb. 87
Vitamins A, B, C, G
Proteins 1.2%
Carbohydrates 2.9%
Fats .3%
Calcium .043%
Iron .001%

Note—Prices listed are postpaid

CULTURE. A world wide grown vegetable because it can be quickly and easily grown. Is extremely palatable and very nutritious. Every garden deserves a lettuce plot. The quickest growing types are the loose leaf varieties, and we suggest for the home garden a plot of loose leaf and a bed of the heading type. The loose leaf varieties will have matured and be used up by the time the heading types are matured.

The looseleaf Lettuce does not form heads but where the plants are grown a distance apart they make a large rounded cluster of leaves. Leaves are heavily crumpled and attractive in appearance, crisp and tender. We advise the planting of two ounces of seed for a 150 foot row and if the lettuce is too thick, thin after it has attained a size which can be pulled and used for salad or it can be thinned out when young and transplanted to another section of the garden. Lettuce needs considerable moisture, applied often but not too heavily and plenty of cultivation to obtain best results.

HEAD LETTUCE is so called because of its extremely solid or compact formation. Such types as Los Angeles Market, New York, Big Boston and Iceberg, may be depended upon to satisfactorily mature a firm cabbage-like head.

Heading varieties should be sown the same as loose leaf except that they should by all means be thinned out when the fourth leaf appears leaving plants in the row 10 inches apart. A rich pliable medium loam soil is best. In field planting, plant on ridges, 14 to 18 inches wide and in double rows about 12 inches apart, giving frequent irrigations between the ridges. Plant about 2 lbs. of seed per acre.

NOTICE TO LETTUCE GROWERS

In the last few years many new types of the New York variety have been introduced which are especially adaptable to certain locations in California and Arizona and for planting at certain seasons of the year. The more popular types are Imperial D, No. 515, No. 615, No. 152, and Imperial X. If interested in these types please write us for further information and prices.

HEAD LETTUCE

NEW YORK OR LOS ANGELES MARKET. There is grown in this state for shipment east upwards of fifty thousand acres of Lettuce, practically every acre of which is the New York type. Seldom is the consumption of any vegetable so entirely of one type as in the case of New York Lettuce.

This is due to its fine appearance, excellent quality and large percentage of perfect heads. Our stock is grown with greatest care and is not to be compared with some offered. Plant our New York and obtain large, solid, crisp heads of the finest lettuce grown. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50; 5 lbs. \$6.50; 10 lbs. \$12.00.

NEW YORK NO. 12. A comparatively recent selection of the New York type, an early variety and does well in mid-summer. It is lighter in color than the regular New York and is popular with shippers and large growers. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50; 5 lbs. \$6.50; 10 lbs. \$12.00.

ICEBERG. An excellent summer lettuce producing a solid light green head with leaves tinged with red. The head is very large, white inside, crisp and sweet, but not as solid as the New York. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

IMPERIAL F. One of the newer New York types developed for resistance to both brown blight and mildew. Used by some planters in California for both summer and spring planting. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50; 5 lbs. \$6.50; 10 lbs. \$12.00.



NEW YORK OR
LOS ANGELES MARKET

BIG BOSTON. A variety highly recommended for home gardeners. Sure header, medium size, outer leaves attractive green color tinged with brown. Heads are a crisp, fine buttery flavor. Be sure to plant this variety in your home garden. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

HANSON. A very hardy lettuce, excellent for a summer crop as it withstands heat. Forms a large, light green head which is very hard. An excellent variety for the home gardener for it is very sweet, crisp and tender. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

LOOSE LEAVED VARIETIES

BLACK SEEDED SIMPSON. A favorite among the loose leaved kinds, very crisp and tender. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

EARLY CURLED SIMPSON. The best of early varieties of the loose leaved kinds; leaves light green, crisp, and fine flavor. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

CHICKEN LETTUCE. This variety of lettuce should not be confused with the regular heading or loose-leaved varieties. The plant grows very much like kale, to a height of four to five feet, with much growth of leaf. It is used mainly for chicken and rabbit feeding. It absolutely does not head and is seldom if ever used for table purposes. The wonderful leaf growth makes it ideal for green food for chickens, etc. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

COS OR ROMAINE

PARIS WHITE COS. This variety makes a delicious, crisp sweet salad vegetable. The heads are about seven inches high, dark green on the outside but lighter green inside. Requires cool weather for best results and plants should be thinned to a distance of eight inches apart. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.

GERMAIN'S WATERMELONS

Melon d'eau, FR.

Cocomero, ITAL.

Sandia, SP.

Wasser Melone, GER.

Note—Prices listed are postpaid.



CHILEAN
DARK
SEEDED

CHILEAN DARK SEEDED. The best of the early watermelons for the family supply or shipping to market. Is medium size, outer color a dark and light green stripe. The flesh is a very bright attractive red and can be eaten right down to the rind. Is very sweet and fine. Our stock will please the grower who caters to fancy trade, or the home gardener who is looking for an early melon of finest quality. Matures in 85 days and weighs about 18 lbs. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

CHILEAN WHITE SEEDED. A medium size oval melon with dark and light green stripe. A fine melon in size and quality for the home garden. In size, maturity and in all respects except the color of the seed is identical to the Chilean Dark Seeded variety. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

EXCEL. Preferred by some as a shipping melon on account of its large size, good shipping and heavy yielding qualities; long oval, mottled in two shades of green and has a good rind for long distance shipments. Average weight 35 lbs.; mature in 100 days. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

KLECKLEY SWEET. A medium size melon, rind very green and flesh deep red. Delicious flavor. An excellent melon for either home garden or shipping. Weighs about 30 lbs. and ripens in about 90 days. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

TOM WATSON. A very large melon weighing 35 to 40 pounds, an excellent shipper. Skin is light green with darker green veins. The flesh is deliciously sweet and juicy. Ripens in 90 days. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

KING AND QUEEN. Small, round, light colored with bright pink flesh of good quality, ripens late and can be kept for months. Weighs about 10 lbs. and ready for picking in 100 days. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.

STONE MOUNTAIN. A very large oval, round shaped melon. Rind dark green and tough. Flesh is deep scarlet and very sweet. A very desirable shipping and home garden melon. Often weighs as much as sixty pounds and matures in 95 days. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

CITRON. Don't allow citrons to grow near your watermelons, as they cross readily.

RED SEEDED. Small round fruits mottled light and dark green; used for preserves. Ripens late and keeps for months. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

GREEN SEEDED. A large light green Citron with green seed, used for stock feed, and will grow more tons on poorer land than anything we know of. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.



KING & QUEEN



KLONDIKE DARK SEEDED

CULTURE. The same culture as applied to the Muskmelon is employed in growing Watermelons. Furrows of about 8 inches in depth are prepared and 6 to 8 seeds are planted about 1½ inches deep every 10 feet in the furrow; furrows about 8 feet apart. This plant assumes a more rapid growth than Muskmelon, consequently more frequent cultivation and care must be given while the plants are young. As the plants grow in the furrow, fill in the soil about them so as to establish roots well into the deeper soil and when the plants are securely established pluck out all but two of the most hardy and healthy ones. The furrows in which the plants are growing want to be filled gradually as the plants grow until level with the surface, and then in early cultivating throw the soil towards the plant forming a slight knoll or hill. In irrigating soak ground thoroughly and follow by cultivation as quickly as practicable, in order to keep a permanent mulch and maintain the moisture. Use one and one-half pounds of seed to an acre.

KLONDIKE. Is another monopolist as since its introduction it has grown in favor till it really well nigh monopolizes the California markets and is too, about the only variety now used by the shippers. We have selected this melon to a dark seeded strain which with the bright red flesh gives it a very attractive appearance when cut. We have this variety grown in an isolated locality where there is no danger of crossing, and select our seed with great care. The sweetest, finest flavored melon grown and our stock is unsurpassed. Matures in eighty-seven days and weighs 25 pounds. Pkt. 5c; oz. 20c; ¼ lb. 65c; 1 lb. \$1.75; 5 lbs. \$8.25; 10 lbs. \$15.50.

STRIPED KLONDIKE. A new selection of the famous Klondike—now coming into some prominence. Size and shape are the same as the regular Klondike but it has white stripes on the outer rind. Pkt. 5c; oz. 20c; ¼ lb. 65c; 1 lb. \$1.75; 5 lbs. \$8.25; 10 lbs. \$15.00.

ANGELENO WHITE SEEDED. A fine quality early melon, nearly round, dark green; flesh bright red and fine quality. Is an excellent shipper, having an attractive, dark green rind, weighs 20 lbs. and matures in 90 days. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

ANGELENO BLACK SEEDED. Much like white seeded Angeleno except in color of seed. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

GERMAIN'S GIANT WONDER. (Our own introduction.) This is a melon of excellent flavor; solid meat of fine texture. The largest growing melon we know of and one that is very popular. Melons weigh thirty-five to forty pounds and mature in about 100 days. Pkt. 5c; oz. 20c; ¼ lb. 65c; 1 lb. \$2.00.

YELLOW FLESHED ICE CREAM. A large oval melon with yellow flesh of good quality. Deliciously sweet flavored. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

GERMAIN'S MUSKMELONS

HEALTH PROPERTIES OF MUSKMELONS

Calories per lb. 185
Vitamins A, B, C
Proteins .6%
Carbohydrates 9.3%
Iron .00039%

Melon Musca, Fr.

Popone, ITAL.

Melon, Sp.

Melone, GER.

Note—Prices listed are postpaid.

CULTURE. Muskmelons must not under ordinary gardening conditions be planted until all danger of frost is past. This is usually March, and planting may continue until July 15th. Warm ground is essential to the germination of the seed, for if planted too early in the Spring it will rot. Soil should be in proper planting condition. First, it must be thoroughly soaked or irrigated. Second, when moisture has thoroughly penetrated and the soil is in workable condition, spade or plow the ground and see that it is thoroughly pulverized. Third, prepare furrows 6 to 8 inches in depth and 5 to 7 feet apart according to space you can spare. Fourth, plant the seed in the furrows about 6 feet apart, covering the seed not more than 1 inch deep and as the plant grows, gradually fill up the furrow with soil until level with the surface.

Do not irrigate close to the plant as it will cause damping off and other diseases. The roots of the plant being as long as the vine, close up irrigation is not necessary, and in cultivating see that these roots are not disturbed as it would ruin the plant. Practice frequent shallow cultivation. Plant 8 seeds to the hill and when thoroughly established pull out all but three. One and one-half pounds of seed is used to an acre.

ROCKY FORD. The best of the green fleshed cantaloupe either for shippers or home garden. Medium size, early, oblong, well netted flesh, very sweet and spicy. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

ROCKY FORD NO. 1025. This is the salmon fleshed type of the old reliable Rocky Ford which has been grown extensively both by shippers and private gardens. The fruits are medium size, closely netted with a thin though tough rind which stands long distance shipping, flesh a bright salmon, firm, sweet and juicy, cavity small. Round in shape, ripening in about 95 days. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

TIP TOP. Is still a leading variety on the Los Angeles market where it has brought the grower top prices for years. It is an ideal melon for individual service so is a prime favorite with hotels and restaurants as well as private gardens. Is an early variety, ripening in 85 to 90 days. The shape is oval, about 7 or 8 inches long and the flesh is deep yellow, very thick and sweet. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

HONEY BALL. A very popular melon in the Imperial Valley. It is a late season variety and is very prolific. Flesh is copper tinged with green. A good shipper. It is round in shape and ripens in 100 days. Our strain is very fine. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

PERSIAN. This very large, well netted melon, weighing 8 to 10 lbs., has a very distinctive sweet flavor. The flesh is deep orange and very thick and juicy. It is an almost perfectly rounded melon measuring 8 to 12 inches in diameter, and ripens in about 102 days. This melon is popular among market gardeners and shippers and we recommend it to the home gardener. Pkt. 5c; oz. 20c; ¼ lb. 75c; 1 lb. \$2.25.

BABY PERSIAN. A small type Persian Melon. Is uniform in size. Fruit is about six inches in diameter and can be packed in crates for shipping. A very desirable home gardening type. Pkt. 5c; oz. 20c; ¼ lb. 75c; 1 lb. \$2.25.

ORIENTAL OR JAPANESE. A salmon tinted flesh of a texture similar to a casaba. Said to be a cross between a Golden Casaba and Persian. A very tasty melon and we recommend it to market gardeners for local markets. Flesh is salmon colored and very sweet and the rind is thin, yellow-green in color with dark blotches. Pkt. 5c; oz. 30c; ¼ lb. \$1.00; 1 lb. \$3.00.

INDIANA. A heavily netted, yellow fleshed melon of delicious flavor. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

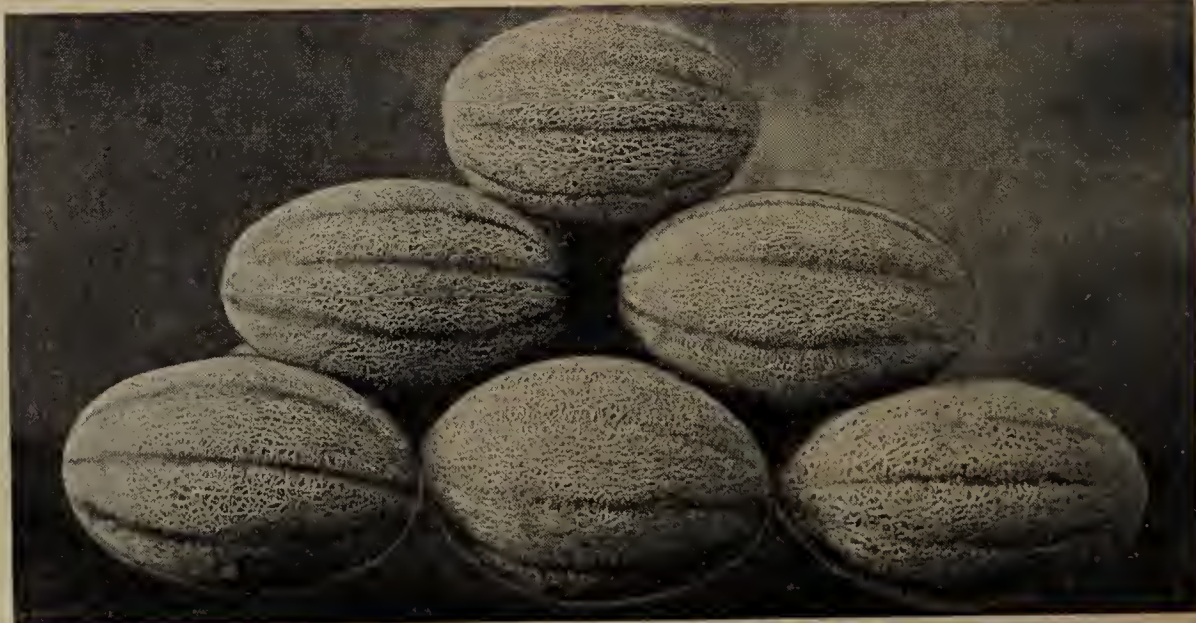


HALES BEST

HALES BEST. The earliest of the Salmon Fleshed shippers, and now used more than any other variety for long distance shipping; it is also growing in favor with the market gardeners on account of its earliness, fine appearance and uniformly fine quality. Melons are almost round, about 6 inches long and heavily netted, and the seed cavity very small, thus providing a very thick, sweet pink flesh. This melon is very early, being edible in about 80 days. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

IMPROVED PERFECTO. Another selection of the Salmon Fleshed shipping melon, and equally good for nearby markets. Has remarkably small seed cavity, flesh deep orange and of finest quality. This melon also has a very thick sweet flesh. It ripens in about 85 days, round in shape and about six inches in diameter. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25;

BURRELLS GEM. Another of the Salmon Fleshed melons of fine quality and a little larger than the others. A fine home garden melon. Has a very small seed cavity, is oval in shape and about seven inches long, and ripens in about 90 days. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.



BURRELLS GEM



GERMAIN'S PERSIAN

GERMAIN'S HONEY DEW-CASABAS

HONEY DEW. A medium sized round melon of a dull creamy white color, flesh green, quite distinct and very delicious flavor. The rind is tough without netting, and ships well to distant markets. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

GOLDEN HONEY DEW. In outward appearance like the Honey Dew, but has Salmon colored flesh and a delicious flavor. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.

GOLDEN BEAUTY. This superior variety is rightly named, is of a true golden color and by far the most attractive of the Casabas. The outer skin is tough, allowing long distance shipping. In shape almost a globe with wrinkles or furrows running irregularly the length of it. Flesh very thick, juicy and sweet. The most profitable of the Casabas for the gardener. Can be kept for weeks after picking. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.

IMPROVED HYBRID. A large, rather late Casaba, very prolific and of finest quality. A favorite on the local markets. Pkt. 5c; oz. 20c; ¼ lb. 65c; 1 lb. \$2.00.

GOLDEN HYBRID. A large melon, very prolific; similar to the Improved Hybrid except that it has a golden color. It can be planted early or late; has a delicious flavor and we recommend it very highly. Pkt. 5c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.50.

CASABA (Santa Claus). We recommend this variety as probably one of the finest in the entire list of Casabas. It should be planted during the summer months, in June or July and will ripen in the fall and can be kept safely for several months, till Christmas time or even in January. It is a good keeper if properly stored and has an extremely delightful flavor. It is a long oval-shaped melon and is beautifully colored in yellow with blotches of dark green. Do not neglect to include this variety in your list. Pkt. 5c; oz. 25c; ¼ lb. 85c; 1 lb. \$2.50.



HONEY DEW

MUSTARD

Moutarde, FR. Mostaza, Sp. Senapa, ITAL. Senf, GER.

Note—Prices listed are postpaid.

CULTURE. Sow any time in the year, though autumn sowing brings best greens for mustard likes cool weather. Not particular as to soil, though a medium heavy one is best. Seed should be planted in rows eighteen inches apart and plants thinned to 6 inches apart. Leaves are tender and have a delicious flavor.

GIANT SOUTHERN CURLED. Leaves large light green finely curled, and has a mild agreeable flavor. It also makes a fine greens for poultry. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

OSTRICH PLUME. Another of the large fancy leaved mustards of fine quality. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

CHINESE WHITE. A hardy large leaved variety, very mild and in great favor among Orientals. Pkt. 5c; oz. 40c; ¼ lb. \$1.35; 1 lb. \$4.00.

WHITE LONDON. The light colored seed that is used for grinding and flavoring pickles. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 50c.

HOTENTS

Provide Perfect Plant Protection



HOTENTS are designed to protect and force all varieties of plants where a large plant protector is needed. They are made of a scientifically manufactured paper which is extra strong. **HOTENTS** are of a generous size, being 10½x14½ inches at the base, creating 152½ square inches of protected ground. They are 8½ inches high. **HOTENTS** are strong, being supported with two patented covered wire bows fastened to the under side and running parallel across the body. **HOTENTS** are packed 500 to the package and weigh 35 pounds to the package.

PRICES: 500 lots\$ 6.00
1000 lots 11.00
Setter 1.50
Postage or freight extra.



CASABA GOLDEN BEAUTY

MUSHROOM SPAWN

Cultural instructions for growing mushrooms given free to every purchaser of spawn.

LAMBERT'S PURE CULTURE. This spawn is specially prepared for us and produces results where the average spawn proves a failure. It is a strong strain of spawn thoroughly acclimated to California conditions and selected with reference to earliness, size, flavor, appearance, prolificity and quality of the mushrooms that it will produce. We highly recommend this spawn to those who intend to raise mushrooms for the market.

Bricks 40 cents each; 5 bricks \$1.75, postpaid.

HEALTH PROPERTIES OF MUSHROOMS

Calories per lb. 210	Vitamins A, C
Proteins 3.5%	Carbohydrates 6.8%
Iron .00073%	Fats .4%

GERMAIN'S ONIONS

Ognon, FR. Cipolla, ITAL. Cebolla, SP. Zwiebel, GER.

Note—Prices listed are postpaid.

CULTURE. Many different methods of planting onions are in practice but the one most practical for the general market grower is the following:

Planting in this section usually starts in September for spring onions and November to March for later crops. Sow onion seed with a seed drill in rows 24 inches apart, using on this basis 3 pounds of seed per acre. The land must be thoroughly plowed, disked, and harrowed when necessary. It is impossible to prepare your land too carefully in growing the onion as it responds readily and in order to get maximum yields, thorough preparations must be made.

As soon as the plants appear, hand weeding must start both in and between the rows. From this point on the plants must have a steady even growth as a check, whether from disease or drought, will cause them to go to seed extensively. When the onions are ready for harvesting the tops will be well ripened down. If, however, the tops are still green we suggest running a light roller or plank over the field to press them down. In ten days after this operation the onions should be pulled and left in the field one deep to dry. When thoroughly dried the tops can be removed. However, we do not recommend this until ready to ship to market.

HEALTH PROPERTIES OF ONION

Calories per lb. 220
Vitamins A, B, C, G
Proteins 1.6%
Carbohydrates 9.9%
Fats .3%
Calcium .034%
Iron .00048%



GERMAIN'S IMPROVED RIVERSIDE SWEET SPANISH

ONION EARLY SPANISH

This variety has all the characteristics of the sweet Spanish in mildness and heavy production. It is somewhat heart-shaped and straw-colored and is especially desirable because it matures very early—about five or six months after planting. Pkt. 5c; oz. 45c; ¼ lb. \$1.50; 1 lb. \$4.50.



Use HOTKAPS for Earlier, Bigger, Safer Crops

HOTKAPS are waxed paper cones, easily set out in quantity over seed or growing plants. They guard against rain, frost, cold, wind, hail, birds and insects, and maintain perfect mulch. Growth is forced and yield is increased 10 to 25 per cent. Crops mature 2 to 3 weeks earlier, and bring premium prices. Prices: 1,000 for \$9.75; 250 package with setter and tamper, \$3.65; 100 package with setter and tamper, \$2.40; steel setter, \$1.50. Garden setter, 50c. Postage extra.

YELLOW BERMUDA. A flat mild onion, straw colored with pure white flesh. Produces a crop in six months. Our strain of this seed is unsurpassed; is grown especially for us under our own supervision. Pkt. 5c; oz. 30c; ¼ lb. \$1.00; 1 lb. \$3.00.

CRYSTAL WAX. A most attractive flat mild onion. Pure white in color, being waxy in appearance. Is similar to Yellow Bermuda except in that it is white in appearance. Is largely grown for the market but we highly recommend it to the home gardener. Pkt. 5c; oz. 35c; ¼ lb. \$1.15; 1 lb. \$3.50.

RED ITALIAN. An exceedingly good onion for market or home. Grows as large as the Sweet Spanish. Matured onion weighs 3 to 4 pounds. Very popular in Northern California. Pkt. 5c; oz. 35c; ¼ lb. \$1.15; 1 lb. \$3.50.

LARGE RED WETHERSFIELD. One of the leading varieties for many years. In color the skin is a deep purplish red. The flesh is white, tinged with red, and of good quality, crisp and solid. It grows to a large size and is both a good keeper and shipper. Pkt. 5c; oz. 25c; ¼ lb. 85c; 1 lb. \$2.50.

NEW QUEEN. A rather small, very early white onion, good where earliness rather than keeping qualities are desired. Mild and sweet. An excellent variety for pickling. Pkt. 5c; oz. 30c; ¼ lb. 90c; 1 lb. \$2.75.

SOUTHPORT WHITE GLOBE. A favorite white onion in Los Angeles market. A true globe shape, pure pearly white, fine flavor, and a good keeper. Pkt. 5c; oz. 35c; ¼ lb. \$1.15; 1 lb. \$3.50.

WHITE PORTUGAL OR SILVER SKIN. One of the leading white sorts, of beautiful shape and very mild flavor. The bulbs are flat and mature early. Splendid variety for market garden. Bulbs average two to three inches in diameter. Pkt. 5c; oz. 25c; ¼ lb. 85c; 1 lb. \$2.50.

AUSTRALIAN BROWN. A large brown onion of good quality, valued largely for its being a good keeper and long distance shipper as the outer skin is heavy and does not break and peel off. The leading variety among the big onion growers. Pkt. 5c; oz. 20c; ¼ lb. 65c; 1 lb. \$2.00.

RIVERSIDE SWEET SPANISH. With great care in selecting bulbs of the finest type for our planting stocks we are able to offer a superior strain of this deservedly popular onion which is increasing in favor each year on account of its large size, attractive color and superior flavor, being very mild and sweet. Globe shaped, light yellowish brown, often weighing two pounds or over. You will find this the most satisfactory onion to plant for home use and the most profitable for the market. Pkt. 5c; oz. 30c; ¼ lb. \$1.00; 1 lb. \$3.00.

WHITE SWEET SPANISH. Similar to the original Sweet Spanish with the exception that it is white fleshed. Like the original, it is a good keeper. Is globe-shaped and will grow where other onions will thrive. We are very proud of our strain of this onion as it has given wonderful results. Pkt. 5c; oz. 50c; ¼ lb. \$1.65; 1 lb. \$5.00.



AUSTRALIAN BROWN

GERMAIN'S ONIONS

GERMAIN'S GREAT BUNCHING ONION. This variety fills a long felt need for both the amateur and the professional gardener. It produces the long, tender and sweet green onions which are justly so popular on the table of those who enjoy good eating. It can be easily grown in every garden. Pull while medium sized before the bulb has formed. Pkt. 5c; oz. 30c; ¼ lb. \$1.00; 1 lb. \$3.00. Prices are postpaid.

YELLOW GLOBE DANVERS. A well known early onion of fine quality. Flesh white and firm. Color a bright straw; grows to a good size, hardy, a sure cropper and a good keeper. Pkt. 5c; oz. 35c; ¼ lb. \$1.15; 1 lb. \$3.50.



WHITE ONION SETS

ONION SETS

Write for prices in large quantities

Note—Prices include postage or expressage prepaid. When sent otherwise, deduct 10 cents per pound or fraction thereof. If quantities are desired, do not fail to write for special prices.

Onion sets are grown from seed that has been sown too thickly to attain a large size. These small onions are planted out and are soon ready to pull for the table or bunch for market. Mature about six weeks earlier than crop grown from seed.

BROWN AUSTRALIAN. Attains large size, good keeper. A leading variety among growers. 1 lb. 35c; 10 lbs. 3.00.

WHITE PORTUGAL. One of the leading white sorts, of very mild flavor. 1 lb. 35c; 10 lbs. \$3.00.

SHALLOTS or MULTIPLIER ONION SETS. A few of these onion-like bulbs will assure you of plenty of flavoring for soup or salads. When gathering always leave one bulb from which others will multiply very rapidly assuring a plentiful supply. Delivery May 15. 30c per pound, postpaid.

VEGETABLES IN THE CALIFORNIA GARDEN

A HOME GARDENER'S GUIDE

With notes on the planting and care of Fruits and Berries, and an instruction to the Small Farm Home.

By ROSS H. GAST

Price \$1.00, Postpaid

MARKET GARDENERS!

Send for Our Booklet Entitled

3

WEEKS EARLIER TO MARKET

It tells how to protect your crops from extra heavy rains, winds, insects and frosts. FREE—a postal will bring it to you.

OKRA

Gombaud, FR. Ibisco, ITAL.
Gombo, SP. Ocher, GER.

HEALTH PROPERTIES OF OKRA

Calories per lb. 172; Vitamin B; Proteins 1.6%;
Carbohydrates 7.4%; Fats .2%;
Calcium .071%; Iron .00063%

Note—Prices listed are postpaid.

CULTURE. Seed can be planted from the middle of March until the latter part of August. Plant in rows 18 inches apart in rows 3 feet apart. Plant seed 1½ inches deep. One ounce of seed will sow 50 feet of row. This vegetable produces long and nutritious pods which when young are used in soups and stews, to which they impart a rich flavor.

EARLY DWARF. Dwarf, stocky growth, heavy bearer. The pods are of medium length, greenish white, tender and of good quality. Plants grow from 2½ to 3 feet in height and often bear as many as forty pods. This variety is very early and therefore is popular among commercial growers and home gardeners. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

LONG GREEN. Later and more productive; ribbed pods. The pods are deep green and larger and plants grow to a height of five to six feet. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

WHITE VELVET. Pods round, smooth, white in color, free from seams, exceedingly tender, well flavored and very prolific. Is an excellent variety for ship-ping and canning because of its smooth pods. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.



ONION GREEN BUNCHING

PARSLEY

Persil, FR. Prezzemolo, ITAL.
Perejil, SP. Petersilie, GER.

Note—Prices listed are postpaid.

CULTURE. Same as Lettuce, see page 65. Every garden should include parsley as its demands and uses are constant by the housewife. Being ornamental, it makes a very attractive border plant for the flower garden. It may be planted as such if you have no room in the vegetable plot.

CHAMPION MOSS-CURLED. Vigorous, compact - growing variety; excellent for garnishing and flavoring; also a handsome decorative plant; leaves fine and crisp, resembling moss; a most popular sort for the market and home garden. Pkt. 5c; oz. 10c; ¼ lb. 35c; 1 lb. \$1.00.

DOUBLE CURLED. An exceptionally curly type of excellent quality. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

HAMBURG OR TURNIP-ROOTED. The roots are excellent for flavoring soups. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

PLAIN PARSLEY. Leaves flat, deeply cut but not curled. Very dark green in color and very hardy. Easily grown. Used largely for flavoring soups, etc. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.



PARSLEY MOSS CURLED AND PLAIN

GERMAIN'S GARDEN PEAS

Pois, Fr. Pisello, Ital. Guisante, Sp. Erbsen, Ger.

We specialize in the production of select stocks of the highest qualities of garden pea seed and cater to the most critical trade. Inquiries from large growers are solicited. Note—Prices up to and including ten pound quantities include postage or expressage prepaid. When sent otherwise, deduct 10c per pound or fraction thereof. If quantities are desired, do not fail to write for special prices.

CULTURE. Peas may be planted in almost any kind of soil. In light soil during the warmer months they should be planted about 3 inches deep so as to be near moisture. In heavier soils or in fall months plant about 1 inch deep, that warmth may penetrate and help germinate the seed. Rows should be about 2½ to 3 feet apart. Excessive moisture will rot the seed, so do not irrigate after seed is planted until the plants are well out of the ground. Cultivate after each irrigation. Usual planting is at rate of 60 pounds per acre. One pound will plant a row of 150 feet.

EARLY VARIETIES

LAXTON'S PROGRESS. The latest and regarded by some large users as the best of the large podded early peas. Vine 18 to 20 inches high, pods large of fine color that stand long distance shipping well and are well filled with large peas of finest quality. Planted on good rich land as all dwarf or semi-dwarf varieties should be the Laxton's Progress will make you money. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

HUNDREDFOLD. Is a recognized leader among the early dwarf varieties used very largely by market growers and shippers throughout the country, and given first place by many of the large shippers. Grows 18 inches to 20 inches high, dark green foliage, pods heavily with a dark green straight well filled pod of finest quality. Whether you plant a few rows in your garden or a large acreage you will find this one of the best. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

AMERICAN WONDER. The old stand-by among the Early Dwarf Peas and though there are a lot of new varieties it still has a host of friends. Is very early, grows 12 to 14 inches in height and pods are crowded with 6 or 8 fine quality peas. Planted on good rich well prepared soil, American Wonder will not fail to give you a crop. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

LAXTONIAN. The first introduction among the extra early large podded peas, and although there are a number of this type of peas on the market now, the Laxtonian is still a favorite among the successful growers, being very early, hardy and prolific. Grows 15 to 18 inches high. Foliage bright green, pods about 4 inches in length, slightly curved and well-filled with large tender delicious peas. Like all dwarf growing varieties Laxtonian should be planted on rich well-prepared soil for the best results. Whether for home, garden or market the Laxtonian will prove entirely satisfactory. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

MID-SEASON VARIETIES

DWARF TELEPHONE. The best of the large podded second early sorts, grows 2 feet high, foliage light green, pods large and well filled. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

SENATOR. Largely used on the south coast as a market gardener variety, and one of the best of main crop sorts; does well on rather light land. 2½ feet high, pods long, pointed, curved. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

STRATAGEM. The standard late variety for market gardeners and shippers. Vines semi-dwarf, very heavy, yielding extra large pods of finest quality peas. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

STRIDAH. A new development. It is wilt resistant and has an unusually long (5½ in.) slightly curved thick pod of attractive green color and very well rounded and filled. Height 27 inches, vines sturdy and dark green. It is 6 to 8 days earlier than the Stratagem. We recommend this pea as the best of recent introductions. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.



HUNDRED FOLD

HEALTH PROPERTIES OF PEAS

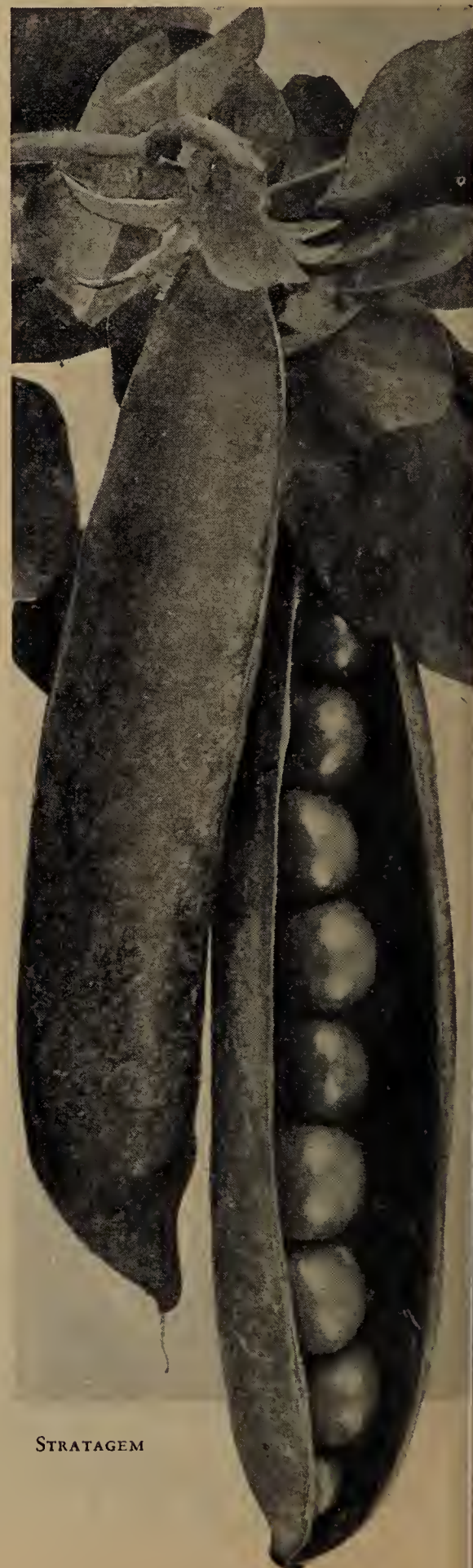
Calories per lb. 454; Vitamins A, B, C, G;
Proteins 7.0%; Carbohydrates 16.9%;
Fats .5%; Calcium .028%;
Iron .0057%.

LATE VARIETIES

ALDERMAN. The finest of the tall growing late varieties. Height, 4 to 5 feet, pods very large dark green, peas large and most delicious. There is no better pea grown. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

TELEPHONE The standard late tall, large podded variety. Pods large light green and peas of best quality. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.

DWARF GRAY SUGAR EDIBLE POD. Early vigorous, prolific, with a fleshy pod that is cooked like string beans. Pkt. 5c; ½ lb. 20c; 1 lb. 35c; 10 lbs. \$3.00.



STRATAGEM

GERMAIN'S PEPPERS

Piment, FR. Peperone, ITAL. Pimiento, SP. Pfeffer, GER.

Note—Prices listed are postpaid.

CULTURE. For early market peppers, seed should be planted in hot beds during November and December, and when the plants are of proper size and the danger of frost is passed they should be planted in the open field or garden or the plants may be planted direct in the open ground before the frost period is over if they are given proper protection. To harden off plants before setting out remove covering of hot bed during warmer part of the day, being sure to replace same as it starts to turn cool in the evening. For main crop, plant in the hot bed during February, March and April; in later planting cold frames may be utilized.

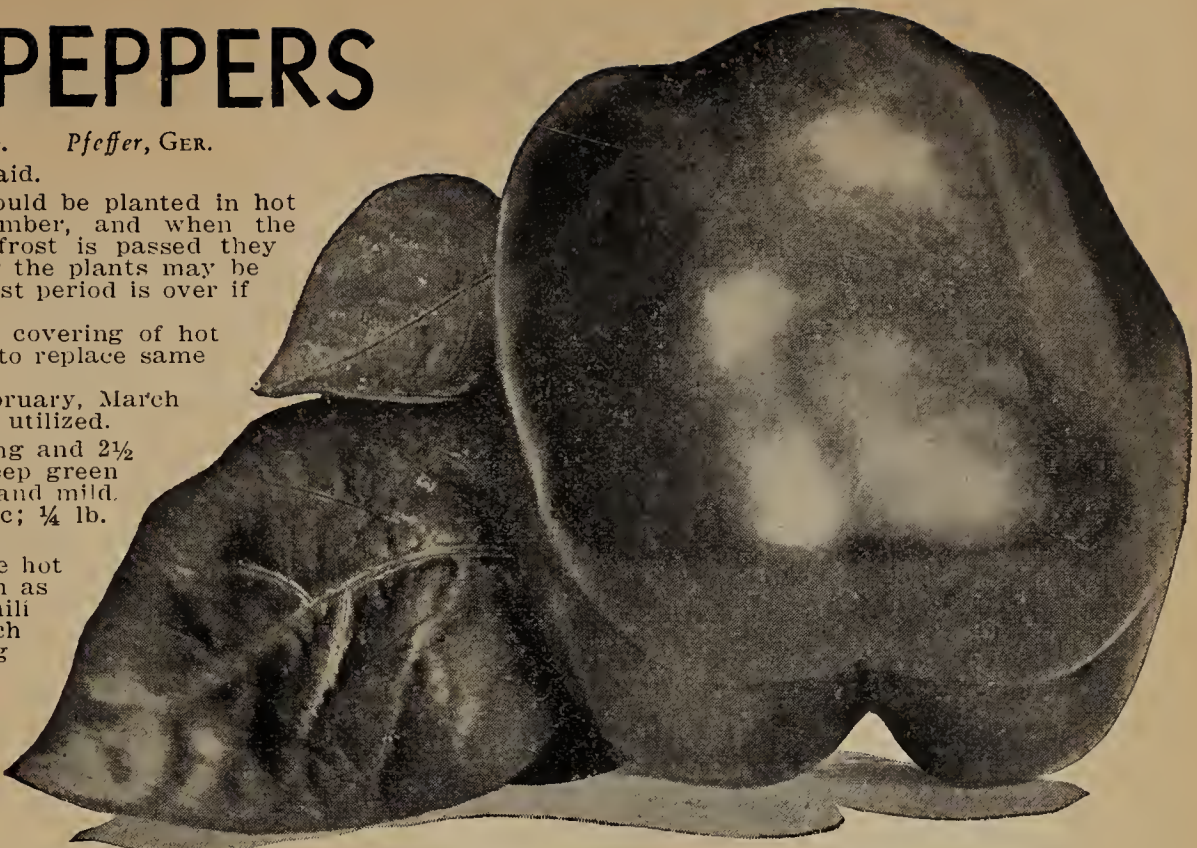
RUBY KING. A large pepper, about 5 inches long and 2½ inches thick, slightly tapered. Deep green in color turning to a bright red and very sweet and mild. Excellent for stuffing or salads. Pkt. 5c; oz. 40c; ¼ lb. \$1.35; 1 lb. \$4.00.

ANAHEIM CHILI. The leading variety among the hot or pungent peppers; used both as green pepper and dried, and in making of Chili Powder. Peppers 6 to 8 inches long and ½ inch thick. We have a fine stock that produces long smooth highly colored pods. Pkt. 5c; oz. 45c; ¼ lb. \$1.50; 1 lb. \$4.50.

MEXICAN CHILI. The kind used in making tamales and pungent sauces. Used almost exclusively for grinding and often called "Cayenne" pepper. We have a fine strain of seed of this popular variety. Pkt. 5c; oz. 55c; ¼ lb. \$1.85; 1 lb. \$5.50.

FLORAL GEM. The favorite variety when a small hot pepper is desired for pickling or highly flavored sauces. The fruit is cone shape and 2 inches long, green when immature, changing to a creamy white and turning red as it ripens. We have a fine stock of this variety. Pkt. 5c; oz. 80c; ¼ lb. \$2.65; 1 lb. \$8.00.

CALIFORNIA WONDER PEPPER. We introduced California Wonder Pepper in 1927, announcing it as the best large sweet pepper ever produced. The reception given this remarkable variety even exceeded our expectations. It has literally swept the country and is now the leading variety used by large shippers of winter vegetables on the West coast of Mexico. It is the best large fruited pepper in existence, very smooth, heavy, free from creases and wrinkles. Meat thick, tender, and of finest flavor; it is fast replacing other varieties in the home garden on account of its excellent quality, and with the shippers on account of its fine appearance after a long journey to distant markets. Peppers are about five inches in length and four in width, being blocky in shape. The walls are very thick and the color a deep, rich and glossy green. Buy your seed in Germain's Sealed Containers, and be sure of the best. Pkt. 5c; oz. 90c; ¼ lb. \$3.00; 1 lb. \$9.00.



CALIFORNIA WONDER



PERFECTION PIMIENTO

PERFECTION PIMIENTO. The best of the medium sized smooth sweet peppers largely used by canners, and excellent for stuffing. Pkt. 5c; oz. 35c; ¼ lb. \$1.15; 1 lb. \$3.50.

CHINESE GIANT. A very large bright green sweet pepper used for salads, and stuffing; the old time favorite for the home garden. Pkt. 5c; oz. 65c; ¼ lb. \$2.20; 1 lb. \$6.50.

BELL OR BULL NOSE. The earliest of the sweet bell shaped peppers, medium size, long a favorite among gardeners. Pkt. 5c; oz. 35c; ¼ lb. \$1.15; 1 lb. \$3.50.

CAYENNE. A very strong variety; fruit is long (about 4 inches) and slender, bright red when ripe. Pkt. 5c; oz. 60c; ¼ lb. \$2.00; 1 lb. \$6.00.



Earlier, Bigger, Safer Crops are assured if you use Hotkaps. See page 49.

HEALTH PROPERTIES OF PEPPERS	
Calories per lb.	109
Vitamins A, B, C	
Proteins	1.1%
Carbohydrates	4.6%
Fats	.1%
Calcium	.006%
Iron	.0004%



CHINESE GIANT

RHUBARB OR PIE PLANT

Rhubarbe, FR. Rabarbaro, ITAL. Ruibarbo, SP. Rhubarber, GER.

Note—Prices listed are postpaid.

CULTURE. Rhubarb seed requires considerable care and is discriminating as to where it grows. A rich light sandy loam is its delight and seed planted in this type of soil, about ¾ inch deep in rows which are 12 inches apart, in the early spring, say February, will be ready to transplant in from 4 to 6 months time. When roots are as large as one's finger transplant to mellow soil as described above, in rows 5 feet apart and about 3 feet apart in the row. The roots should be set in ridges with the crown even with the surface of the soil. The ground should be kept well cultivated and irrigated the first season and stalks may be pulled early the next spring.

(For Rhubarb Plants see page 106)

GIANT WINTER. We can furnish seed of this splendid variety but as Rhubarb is one of the plants that does not come true from seed the result will be varying types of plants, so we recommend the planting of roots, especially in making commercial plantings. Our price on seed is: Pkt. 5c; oz. \$1.60; ¼ lb. \$5.35; 1 lb. \$16.00.

HEALTH PROPERTIES OF RHUBARB	
Calories per lb.	105
Vitamin C	
Proteins	.6%
Carbohydrates	6.6%
Fats	.7%
Calcium	.044%
Iron	.00056%

GERMAIN'S PUMPKIN

Potiron, FR. Zucca, ITAL. Calabaza, SP. Grosser-Kuerbis, GER.

Note—Prices listed are postpaid.

**HEALTH PROPERTIES
OF PUMPKIN**
Calories per lb. 117
Vitamins A, B, C
Proteins 1.0%
Carbohydrates 5.2%
Fats .1%
Calcium .023%
Iron .00093%

CULTURE. Pumpkins grow and thrive in most any soil. A well-drained soil subject to irrigation is best. Pumpkins like other vine crops, should be irrigated carefully, not allowing the water too close to the main stock. As the roots are long, irrigation can be made at the ends of the vine. When the fields are covered by vine, irrigate midway between the rows. Too much water is very detrimental to the vines. Plant hills 8 to 10 feet apart each way, placing 4 seeds to a hill and after established pull out all but the one healthiest plant. Use one pound of seed per acre.

CALIFORNIA FIELD. Varies in size and color, usually running very large and colors ranging from yellow to red. A heavy yielding, early maturing variety mostly used for stock feed. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

BOSTON PIE OR SMALL SUGAR. A very popular small variety. The skin is a deep orange yellow and the flesh sweet and fine grained. As famous in Boston as the Boston Beans. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

CONNECTICUT FIELD, OR JACK O'LANTERN. A fine variety for dairy ranchers, adding much to the quality and quantity of the milk and butter; an excellent keeper and can be strongly recommended. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

LARGE CHEESE OR KENTUCKY FIELD. A heavy fleshed and remarkably sweet pumpkin. A splendid keeper and a fine sort for family or market use. Its large size makes it desirable for stock also. Especially adapted to Southern California. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 90c.

MAMMOTH KING. The best large pumpkin in use. Forms immense globular fruits, flattened a little at the end. Skin reddish yellow in color and flesh rich orange. This is unquestionably the very best mammoth pumpkin we have. It runs very uniform in shape and color and is of immense size. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

JAPANESE PIE. The flesh is nearly solid; the seed cavity being very small, fine grained, dry and sweet, having much the taste and appearance of sweet potatoes. They ripen early, keep well, and are fine for home use. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

CUSHAW GREEN STRIPED. This large crook-necked pumpkin is the best in warm locations. Yields a heavy tonnage and is used largely by dairymen. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.



LARGE CHEESE

PUMPKIN TRIAMBLE

A new introduction from Australia. Last year a friend of ours in Australia sent us some samples of this new Pumpkin. We tried it out at our trial grounds and from the result we are in a position to furnish limited quantities of this new importation.

From our observation we highly recommend it. It is a vigorous grower—big yielder. From the picture you can see it is different from anything in the Pumpkin line.

This Pumpkin averages 9 pounds and is an excellent keeper. We highly recommend it for Pumpkin pies, or it can be baked in the same manner as you bake squash. It is sweet and fine grained. By all means plant some of this variety this year.

Price 25c per package; 60c per oz.; \$2.00 ¼ pound; \$6.00 per pound postpaid.



GERMAIN'S SEED POTATOES

We are headquarters for fine seed potatoes and carry only select strains of Early White Rose, Early Red Rose and British Queen seed stock. Due to the fact that Potato prices are continually changing it is impossible for us to list prices in our catalog. We welcome inquiries and will be pleased to quote you the lowest possible prices. We have a very complete "Potato Booklet" which we will be glad to send you, FREE, upon your inquiring for same. It tells a very complete story on the planting, care and treatment of Potatoes.

HEALTH PROPERTIES OF PARSNIPS

Calories per lb. 294; Vitamins A, B; Proteins, 1.6%; Carbohydrates, 13.5%; Fats, .5%; Calcium, .059%; Iron, .00077%.

PARSNIP

Panais, FR. Pastinaca, ITAL. Chirivia, SP. Pastinake, GER.

CULTURE. Sow any month in the year in drills in rich soil one-half inch deep and thirty inches apart, and cultivate the same as carrots; thin to four inches apart. One ounce of seed will sow about 100 feet of row.

HOLLOW CROWN. The parsnip is a vegetable not fully appreciated by many and should be grown in every garden, for from a small space a season's supply can be produced. Our Hollow Crown is the best of the parsnips, producing very fine long smooth pure white roots of fine quality. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.



HOLLOW CROWN

GERMAIN'S RADISH

Radis, Rave, Fr. Ravanello, ITAL. Rabanito, Sp. Radies, GER.

Note—Prices listed are postpaid.

CULTURE. Sow any month of the year; will succeed in any good garden soil not over-moist or too heavy. For early and late crop a warm, sheltered situation should be chosen; for those sown in summer, a rather shady spot must be selected. For a succession, sow every two weeks. The ground where the sowing is to be made should be dug deep and raked fine. The seed is generally sown thinly broadcast, in beds four to five feet wide, with one-foot alleys between. One ounce of seed will sow about 100 feet of drill, or a bed forty square feet.

SCARLET TURNIP WHITE TIP. On account of its quick growing, fine quality and attractive color this is the leading home garden and market radish. By successive plantings you can keep your table supplied the year round. Is round, of medium size, bright red in color with a white tip. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 85c.

EARLY SCARLET TURNIP. This variety grows very quickly and is ready for picking in 25 to 30 days. Scarlet in color, turnip shaped, very crisp and of excellent flavor. One of the best varieties for the home gardener. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 85c.

SCARLET GLOBE. Globe shaped rich bright scarlet color; is growing in popularity and promises to become a leading variety. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 85c.

SCARLET OLIVE SHAPED. Oval in shape, bright scarlet in color. This is an excellent variety for either the home or market gardener. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 85c.

CRIMSON GIANT. Rather larger than most of the short radishes, of fine mild quality and remains in edible condition longer than most kinds. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

FRENCH BREAKFAST. A splendid variety for home use, oblong, bright scarlet, white tip. Grows about 1½ inches long and ⅝ inch thick. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 85c.

LONG SCARLET. The best of the long red radishes, very attractive color and fine quality. Grows to a length of about 6 inches, has a very smooth skin, keeps well for several days and very mild and crisp. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 85c.

CHINA ROSE WINTER. A large rose colored variety from the Orient; hardy and rather mild. The flesh is white,

and very crisp. This variety is broadest at its base and is 4 to 5 inches long. Pkt. 5c; oz. 10c; ¼ lb. 35c; 1 lb. \$1.00.

JAPANESE SUMMER RADISH. Very large mild white radish from Japan. Grows to a length of over two feet and is three inches thick. Has an unusually mild flavor. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.

JAPANESE WINTER. Best of the very large white radishes for winter growing. Is not quite as long as the Japanese Summer but has its other characteristics. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.

BLACK SPANISH LONG. A hardy, large, rather pungent variety for winter use. Keeps unusually well

is 8 to 9 inches long and two inches thick, slightly tapered. The skin is black and the flesh white and crisp. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

ICICLE. The leader among the long white radishes; pure white, very crisp and brittle. Grows six inches long and about two inches out of the ground. Being unusually mild it is an extremely popular variety amongst home gardeners. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 85c.

CALIFORNIA MAMMOTH WHITE. A very large white radish introduced from the Orient. Used when a large, rather pungent variety is desired. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 85c.

BLACK SPANISH ROUND. The short round type of winter radish. Is about four inches in diameter, its color and other characteristics being the same as the Black Spanish Long. Pkt. 5c; oz. 10c; ¼ lb. 35c; 1 lb. \$1.00.



RADISH
WHITE
ICICLE



RADISH
TURNIP
SCARLET
WHITE TIP

VEGETABLE SPAGHETTI

This remarkable vegetable grows and sets fruits freely just like Squash. The smooth creamy white skinned fruits look something like Vegetable Marrow but with more symmetrical long oval shape. They measure about 8 in. long and about 4 in. in diameter.

You pick the fruit when well matured and cook it (as whole fruit without cutting or skinning) in boiling water for about 20 minutes, take it out and cut as shown in the picture, and you will find a quantity of stringy, Spaghetti-like contents which is quite tasty when seasoned with vinegar, sauce, or cooked in other ways.

The fruits have wonderful keeping quality as they can well be stored until late spring.

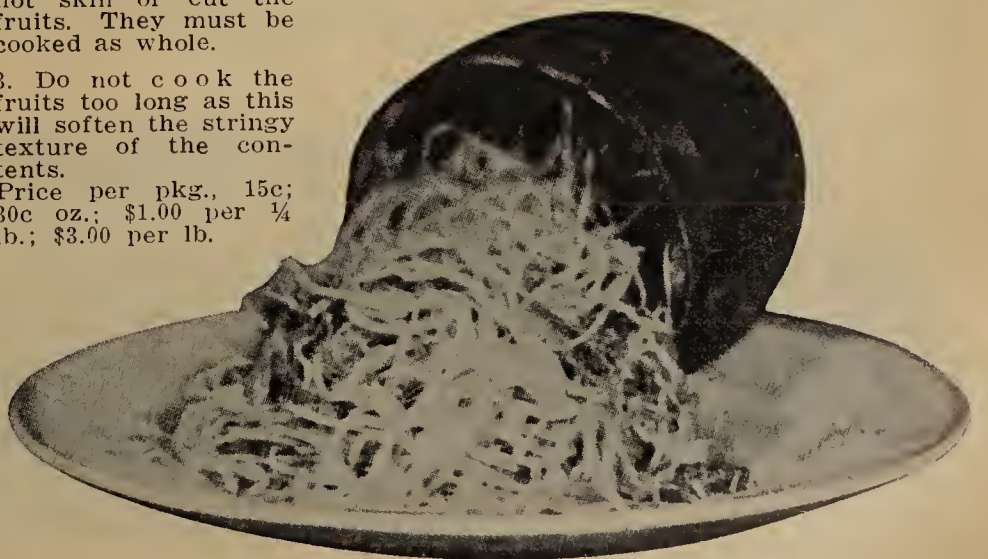
The following three points are important.

1. Do not pick fruits too young. Leave them until fully matured.

2. Before cooking, do not skin or cut the fruits. They must be cooked as whole.

3. Do not cook the fruits too long as this will soften the stringy texture of the contents.

Price per pkg., 15c;
30c oz.; \$1.00 per ¼
lb.; \$3.00 per lb.

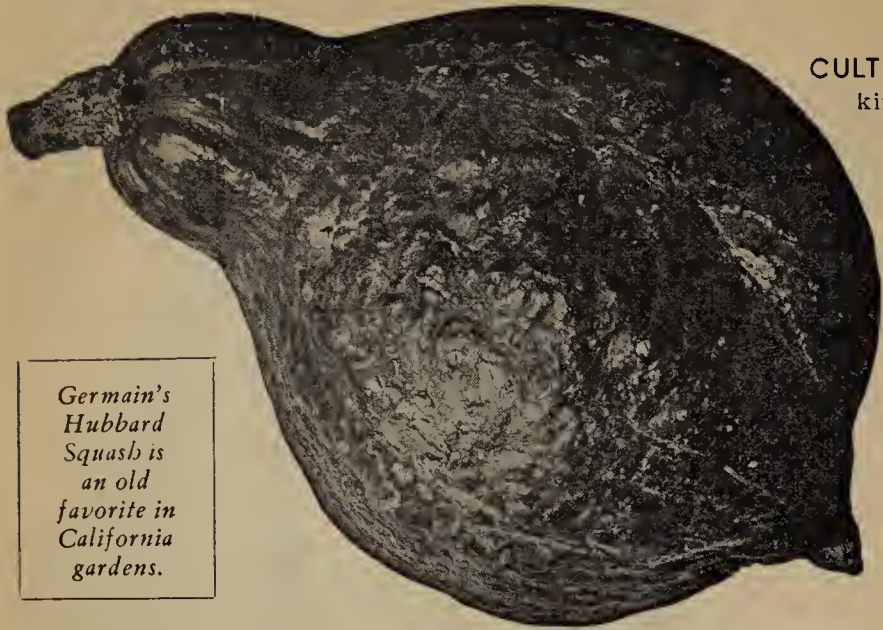


GERMAIN'S SQUASH

Courge, Fr. Zucca, Ital. Calabaza, Sp. Kuerbis, Ger.

CULTURE. Sow after danger of frost is past. Light, warm soil is best. Plant in hills prepared for same as for pumpkins and melons, the bush kinds about four feet apart, and the running varieties from six to nine feet apart, according to their nature, as some will run more than others. Plant about one-half dozen seeds in each hill and thin to three best plants. The earth about the plants should be kept loose and clear from weeds until runners are well started. Cutting off the leading shoots of the running varieties is recommended as having a tendency to promote growth and early maturity of the fruit. One ounce of seed will plant from thirty to fifty hills, two pounds will plant an acre of the summer varieties, and 1½ lbs. the winter varieties.

Germain's
Hubbard
Squash is
an old
favorite in
California
gardens.



HUBBARD SQUASH

**HEALTH PROPERTIES
OF SQUASH**
Calories per lb. 209
Vitamin A
Proteins 1.4%
Carbohydrates 9.0%
Fats .5%
Calcium .018%
Iron .00035%

SQUASH--SUMMER

ITALIAN OR ZUCCHINI. The variety most favored by market gardeners, is very early, prolific. Fruits when immature a light mottled green, very attractive and of finest quality. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

BLACK ZUCCHINI. Similar to the Italian but has a dark even green skin. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.

COCOZELLE. Another type of Italian Bush Squash much like Zucchini except darker color, and is striped light and dark green. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

WHITE BUSH SCALLOP. A popular variety bearing profusely small, rather flat white squashes with a distinct scalloped edge. Is very early and has a fine flavor. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

IMPROVED GREEN TINT WHITE BUSH SCALLOP. A very desirable market variety due to the darker green fruit which holds its color longer than the regular White Bush Scallop. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

SUMMER CROOK NECK. Regarded by some as the best of the Summer squashes. Fruits bright yellow, warted, with Crook-Neck. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

SUMMER STRAIGHT-NECK. Same as the Crook-Neck, retaining the warted creamy golden skin, large size, fine quality and earliness. We recommend it and believe it will replace the Crook-Neck variety. As the name implies, this variety is straight and not curved. Fruits weigh about two pounds and mature very early—60 to 65 days. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

LONG WHITE VEGETABLE MARROW. An English variety, of fine quality and remains in edible condition till quite large. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.

SQUASH--WINTER

BANANA. A deservedly popular variety growing 18 inches to 2 ft. long. 6 to 8 inches in diameter, skin grayish blue, flesh yellow and fine grained. An excellent table variety without a hard shell. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

HUBBARD. Best winter variety, vigorous, productive. Fruit large, weighty moderately warted, hard shell; color dark bronze green. A fine grained, thick, dry, richly flavored, orange-yellow flesh. Baked, it is similar to and as delicious as a sweet potato. Fruits weigh twelve to fourteen pounds and mature in 100 to 110 days. We have spent a great deal of time and attention in selecting our stock and confidently recommend it. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

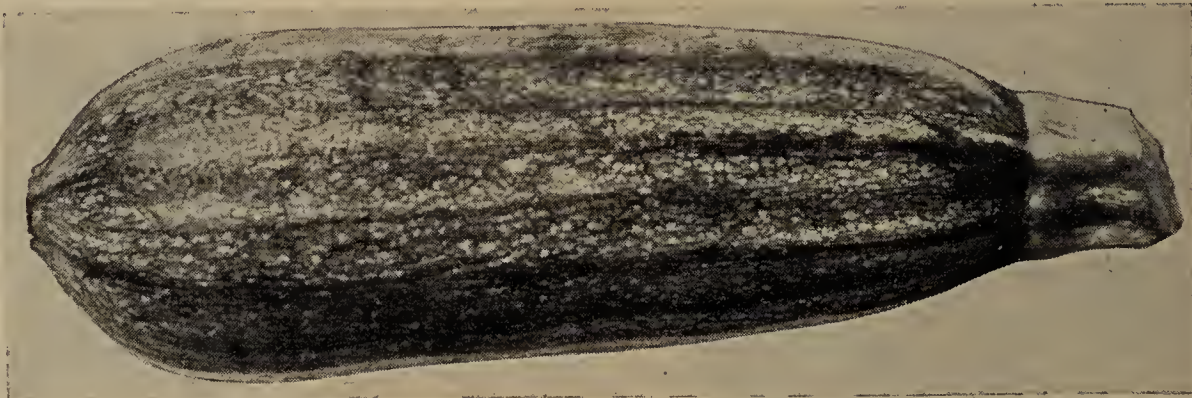
GOLDEN HUBBARD. A very good variety of medium size, weighing about 8 pounds. An excellent keeper on account of its thick rind which is of a beautiful golden color. Flesh of excellent quality. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

FORDHOOK (ENGLISH CREAM MARROW). An excellent variety of small winter squash: cream color, slightly fluted skin but tough; a good keeper; is oblong in shape and 8 to 10 inches long. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

TABLE QUEEN. A recent introduction that is fast becoming popular. A first quality winter squash that keeps well but does not have a hard shell. It is heart shape with a dark green skin, rich yellow fine grained flesh, about 5 inches in diameter, which makes a convenient size to cut in half and bake for individual service. The fruits are uniform in size and shape and very numerous; in fact, we know of no other squash that sets so heavily and if picked as soon as mature will continue to set



TABLE QUEEN



ITALIAN OR ZUCCHINI

remains in edible condition till quite large. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.

a new crop. You will be amply repaid by planting a few hills of this splendid variety in rich well fertilized soil. We highly recommend it for home garden and we believe it will take the place of older varieties with market gardeners as soon as they become acquainted with it as it far surpasses any squash of this type both for quality and yield. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.



BANANA

GERMAIN'S SPINACH

ESPINARD, FR. *Spinnacio*, ITAL. *Espinaca*, SP. *Spinat*, GER.

Note.—Prices listed are postpaid.

CULTURE. An all-year crop. Sow early in spring, in drills one foot apart, and thin the plants as you need them for cooking. For winter and spring use, sow in September. One ounce of seed will sow about seventy-five feet of row. In field plantings, 12 to 15 lbs. of seed are planted per acre in rows 16 to 18 inches apart. There is an enormous demand for Spinach for canning purposes as well as for the market. Spinach does not do well in hot weather and therefore late spring plantings are not advisable. It requires good soil and plenty of water.

GIANT AMSTERDAM OR PRICKLY WINTER. The leading variety in our spinach list being used more by canners and market growers than any other and by successive plantings your garden will produce a crop of this healthful vegetable all the year except in the mid summer. The plant is vigorous, leaves large, thick and of finest quality. Plants are very slow to go to seed giving a longer cutting season.

Grow your vitamins in your own garden by planting Prickly Winter spinach. Pkt. 5c; ¼ lb. 20c; 1 lb. 50c.

BLOOMSDALE OR SAVOY-LEAVED SPINACH. A favorite with market gardeners. It has thick, dark green wrinkled leaves and is very hardy. The earliest variety and one of the best for autumn use. Pkt. 5c; ¼ lb. 20c; 1 lb. 50c.

BROAD FLANDERS. A round seeded variety for home, market garden or canning use. Produces large, vigorous plants with deep green, smooth, broad and thick leaves. Pkt. 5c; ¼ lb. 20c; 1 lb. 50c.

NOBEL (GIANT THICK LEAVED). A recent introduction and the best of the round seeded thick leaved varieties. Heavy yielding, leaves very large, thick, broad, smooth and deep green in color. We recommend "Nobel" for either home, market garden or canning use. Pkt. 5c; ¼ lb. 20c; 1 lb. 50c.

VIROFLAY. The leading smooth seeded variety used by both canners and market growers. Leaves large, smooth, thick, and tender. Pkt. 5c; ¼ lb. 20c; 1 lb. 50c.

NEW ZEALAND. Quite unlike other varieties as it grows a large spreading plant with small very thick leaves. Will thrive in any kind of soil and continue in use through the hot weather. Plant several seeds in hills 2 ft. apart each way. As seed coat is very hard, better growth is secured by soaking for 24 hours in warm water. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 90c.

SALSIFY OR VEGETABLE OYSTER

Salsifis, FR. *Salsifi*, SP. *Barba di becco*, ITAL. *Haferwurzel*, GER.

Note.—Prices listed are postpaid.

CULTURE. Sow in early spring, one inch deep, in drills one foot apart and thin young plants to three or four inches in the row. The soil should be deep and loose, and never allowed to get dry. General care same as for parsnips and carrots.

SANDWICH ISLAND SALSIFY. An improved type and the largest and most delicious salsify in cultivation, with long, white tapering roots. Pkt. 5c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.25.



PURPLE TOP WHITE GLOBE



PRICKLY WINTER

RUTABAGA OR SWEDISH TURNIP

What others do, you can do. Plant lots of Rutabagas for your stock and cut down your feed bill.

CULTURE. Same as for common turnip, but if anything, less exacting in care.

IMPROVED YELLOW PURPLE TOP. The old, popular standard sort both for stock feeding and table use; flesh yellow, solid and sweet. Is globe shaped, of large size, of fine quality and an excellent keeper. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

GERMAIN'S TURNIPS

Navet, FR. *Navone*, ITAL. *Nabo*, SP. *Weissrueben*, GER.

Note.—Prices listed are postpaid.

CULTURE. Sow during cool weather, from October to April. For early crops, sow the Early White Flat Dutch or Early Purple Top Milan during early winter; and for summer crops sow any of the other varieties at intervals of two weeks, in drills twelve inches apart; cover the seed lightly unless the season be very dry; thin out the plants to six or eight inches apart. For Fall or Winter use sow the Golden Ball or Purple Top Strap Leaf. Success depends upon the selection of soil and its subsequent preparation. Stir deeply.

PURPLE TOP WHITE GLOBE. By far the leading variety in the local markets on account of its uniform shape, attractive color and fine quality flesh. Is sweet and tender and is slow to get pithy. Ready for table in about 55 days, globe shaped, white in color with a purplish red top. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

PURPLE TOP MILAN. The best extra early sort, rather flat purple above ground and white beneath. Top small, quality fine; the best of the early kinds. Ready for the table in about 40 days. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 80c.

EARLY WHITE FLAT DUTCH. Best of the early flat white turnips, quick growing, mild and tender. About five inches in diameter and 2½ inches thick. Ready for the table in 45 days. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

PURPLE TOP STRAP LEAVED. An excellent small topped flat variety. White in color with a purplish-red top and white flesh. A very mild turnip about five inches in diameter and 2½ inches long; ready for the table in 45 days. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

EARLY SNOWBALL. The best Pure White, globe shaped turnip, very fine and mild flavor. Ready for the table in 45 days. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

WHITE GLOBE POMERANIAN. A large pure white variety excellent for table use when young, and fine as a stock feed when full grown. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

GOLDEN-BALL. The finest of the yellow sorts. Top is small, roots medium size and excellent quality. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

COW HORN. This variety is pure white; in shape like a carrot, growing nearly half out of the ground, and slightly crooked. It is delicate and well flavored. Used also as a green manuring crop. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

WHITE EGG. An excellent home and market garden variety. Flesh white and sweet, egg shaped and about three inches long. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c.

GERMAIN'S TOMATOES

Tomate, FR. Pomo d'oro, ITAL. Tomate, SP. Liebesapfel, GER.

Note—Prices listed are postpaid.



NEW
STONE
OR NORTON

FIRST EARLY. An exceptionally good strain of Earliana. Type, fruit high color, solid and smooth. This tomato packs and ships very well and matures in 94 days. We recommend this variety as one of the best of the early tomatoes. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.65; 1 lb. \$5.00.

GLOBE. Large fine pink main crop variety of very mild flavor and used very largely as a long distance shipper. Is globe shaped, of excellent quality and matures in 112 days. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.40; 1 lb. \$4.25.

NEW STONE OR NORTON. Another Government production in the disease resistant list and an old standby among the main crop varieties. Solid, meaty and fine quality. Is an excellent shipper and is grown extensively along the west coast of Mexico where its wilt resistant qualities have made it very popular. Also in demand amongst canners. Matures in 120 days. Pkt. 10c; oz. 55c; $\frac{1}{4}$ lb. \$1.85; 1 lb. \$5.50.

SAN JOSE CANNER. A favorite canning variety due to its enormous yield. We recommend it for this purpose. Is a very large tomato and matures in 120 days. Pkt. 5c; oz. 75c; $\frac{1}{4}$ lb. \$2.50; 1 lb. \$7.50.

DWARF STONE. A large tomato, bright red in color, globe shaped but somewhat flattened, very solid. Because of its heavy foliage this variety is very desirable for planting where protection of the fruits from the heat of the sun is desired. Matures in 132 days. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.65; 1 lb. \$5.00.

NUMBER 498. Of the Earliana type, scarlet color, globe shaped and smooth. Probably the best of this type. We recommend this variety for critical grower trade. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.65; 1 lb. \$5.00.

CULTURE. Sow in hot bed or frame about September 1, for winter crop in frostless belts, or in early spring for summer crop. Growth must never be checked or a shortened fruit crop will result. When the plants are two or three inches high, thin them out and set in pots or in another bed, to give them room and make them "stocky." When five or six inches high, if the weather be warm and settled, transplant them to open ground, selecting a rainy day if possible; in the absence of rain, water and protect till well rooted. Set plants four feet apart each way. One ounce of seed will produce 3000 plants.

BREAK O'DAY. One of the earliest varieties. Developed by the U. S. Dept. of Agriculture. Medium size, solid fruit of bright red color. Excellent for the home garden, market and shipping as fruit is of beautiful color and a good shipper. A disease resistant variety—matures in 98 days. Pkt. 5c; oz. 45c; $\frac{1}{4}$ lb. \$1.50; 1 lb. \$4.50.

EARLIANA. The introduction of Earliana some years ago was an important event in tomato history, since that time there has been a number of Earliana Type Tomatoes introduced, all of which are selections of the original Earliana which still holds its place in the first early list, being hardy and productive, coming into fruit in the shortest time and rapidly maturing the entire crop of fine fruit. Fruits are globe shaped, somewhat flattened, deep scarlet and smooth. Matures in 94 days. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.35; 1 lb. \$4.00.

BEEFSTEAK OR PONDEROSA. Regarded by many as the finest quality of any tomato grown. Very large, very solid and free from seeds; an attractive, pink, mild and pleasant; it is ideal for the home garden. Fruits weigh 9 to 12 ounces and mature in 118 days. Pkt. 10c; oz. 70c; $\frac{1}{4}$ lb. \$2.35; 1 lb. \$7.00.

STRAWBERRY OR GROUND CHERRY. A distinct species; grows enclosed in a husk; excellent for preserves. Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$2.00; 1 lb. \$6.00.

YELLOW PLUM. Fruit plum-shaped, of clear, deep yellow color, used for preserving. Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$2.00; 1 lb. \$6.00.

RED PLUM. Small plum shaped, used for preserves. Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$2.00; 1 lb. \$6.00.

MARGLOBE. No other tomato in recent years has created the sensation Marglobe has. It is the result of the work of Government experts in breeding a tomato resistant to wilt and has become in two or three years the leading variety among canners, shippers and market gardeners. The vine is vigorous, resistant to disease, fruit a large, slightly flattened globe, of fine bright scarlet color, very firm and meaty and of the very best quality. You can make no mistake in planting your main crop of Marglobe. Fruits weigh 7 to 9 ounces and mature in 114 days. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.65; 1 lb. \$5.00.

RED PEAR. Small pear shaped for preserves. Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$2.00; 1 lb. \$6.00.

SOMETHING NEW IN TOMATOES



PEPPINESE. The fruit is an average length of about 2 to 2½ inches, elongated, and resembles a pepper. Color is a bright crimson. This is a novelty that we feel will find a definite place not only as a home garden tomato but as a commercial item. It is a wonderful keeper and has a most attractive appearance. The flesh is so firm that one feels that it has some pepper blood in the plant. When cooked it makes a marvelous stew and for salads it is unsurpassed. To market gardeners we advise trying this out this year; to home growers, plant it by all means. Per packet 15c; oz. \$1.20; $\frac{1}{4}$ lb. \$4.00; 1 lb. \$12.00.



MARGLOBE



GERMAIN'S

Premium Brand Specially Recleaned

A bright, velvety, well-groomed lawn is the first essential of an attractive home. However, just sowing any kind of grass seed will not produce a lawn of this character. The highest grade of recleaned grass seed must be planted if good results are to be expected. If chaffy, light weight and impure seed is sown, a ragged and weedy lawn will result. If heavy weight, ex-

GRASS SEED

Unequalled for Purity and Germination

tremely pure and thoroughly recleaned seed is sown your lawn will be a thing you will be proud of. Germain's Premium

Lawn Grass Seeds are thoroughly recleaned in our specially built cleaning plant, the most complete in the West—and are therefore extremely pure, high in germination and free from weed seeds. Send for Free Pamphlet—"The Making and Care of Lawns."

VARIETIES OF LAWN GRASS SEED

Kentucky Blue Grass Seed (*Poa Pratensis*). Premium Grade—Grown from specially selected strains in carefully selected fields, and thoroughly recleaned to remove chaff, impurities and weed seeds. This seed will give the highest satisfaction. Plant at the rate of 1 lb. to 200 sq. ft. Price per pound, 40c; 10 lbs., \$3.50 postpaid.

White Clover (*Trifolium Repens*). Premium Grade—We import our Premium Grade of White Clover Seed from European sources, where the finest grades of White Clover Seed are grown—and then thoroughly reclean this seed to make doubly sure that it is of the highest quality. Plant at the rate of 1 lb. to 200 sq. ft. Price per pound 55c; 10 lbs., \$5.00 postpaid.

Kentucky Blue Grass and White Clover Mixed. This favorite lawn seed mixture is made up of Premium Grade Seeds, mixed in the right proportion. We recommend this mixture as being the most satisfactory in general, for making new lawns. Plant at the rate of 1 lb. to 200 sq. ft. Price per pound, 50c; 10 lbs., \$4.50 postpaid.

Domestic Rye Grass. This seed is grown in the State of Oregon and our seed fields are carefully selected for freedom from weed seeds. It is an annual grass, quick growing and is very hardy. Price per pound, 20c; 10 lbs., \$1.50 postpaid.

Shady Lawn Grass. A grass for that shady spot where other varieties of grass seed will not grow. You will find in this mixture of fine grasses just the thing for the north side of your home or that shady spot under your trees. Price per pound, 65c; 5 lbs., \$3.00; 10 lbs., \$5.50 postpaid.

Australian or Perennial Rye Grass (*Lolium Perenne*). While Rye Grass does not produce a lawn of as fine a texture as Blue Grass and Clover, it is extremely hardy, requires less fertile soil and withstands more hardships. Plant 1 lb. to every 100 sq. feet. Price per pound, 30c; 10 lbs., \$2.50 postpaid.

Pacey's or "Pacific" Rye Grass (*Lolium Perenne Pacey*). Similar to Australian Rye Grass only it produces a finer blade and is therefore often preferred to the latter. Price per pound, 35c; 10 lbs., \$3.00 postpaid.

Bent Grasses: See listing first column next page.

Write for Quantity Prices.

NUVIDA PLANT FOOD

Nuvida Plant Food is manufactured by us and we guarantee that it contains all the elements required and in the proper proportion to produce a luxuriant growth. It is a clean, odorless material and, being quick in action, the effect can be noticed within a very short time by the rich green coloring and that velvety appearance so much sought after. Its superiority over stable manure can scarcely be estimated, as the latter, in addition to disfiguring the lawn by its unsightly appearance, also gives out an unpleasant odor, and always contains weeds and other undesirable seeds. 5 lb. carton, 40c; 10 lb. carton for 300 sq. ft., 70c; 25 lb. sack for 750 sq. ft., \$1.15; 50 lb. sack for 1500 sq. ft., \$2.00; 100 lb. sack for 3,000 sq. ft., \$3.50, not prepaid. Write for Nuvida pamphlet.

EMERALD LAWN GRASS

Since 1871, Germain's have sold Grass Seed to the home owners of California. We feel that we have contributed a great deal to the beauty of the homes of this state due to the fine strain of Lawn Grass Seeds sold by us during our 60 years of business.

We have thoroughly and carefully cleaned this seed in the most modern and scientific cleaning plant in the west. The seed is mixed in proper proportions so that we are able to offer in our "EMERALD LAWN GRASS SEED" something vastly superior. Germain's recommend for those who want a green lawn the year around, to plant EMERALD LAWN GRASS SEED.

Sow at the rate of one pound to 250 square feet. Price: 1 lb., 70c; 5 lbs., \$3.25; 10 lbs., \$5.00 postpaid.

New—No Muss

Quick—No Waste

FERTILIZER E-Z SPREADER

ONLY 75c or 90c POSTPAID

Here is an inexpensive garden tool for evenly spreading commercial fertilizer on a grass lawn. It avoids the uneven, wasteful method of broadcasting by hand. No portion of your lawn is neglected—no portion receives an excess. A large lawn can be covered in a few minutes. The hands need not touch the fertilizer at any stage of the work. It is made of an especially strong water-proof fibre paper—wooden handle attached to spreader by means of heavy iron wire attachment. The wheels are protected by iron tires. Complete instructions for assembling enclosed in package.



Used exclusively on many of California's noted Golf Courses

Care must be taken to sow only the highest quality of re-cleaned grass seeds on golf courses, in order to avoid the trouble and expense of re-seeding, and the weeding of greens, tees and fairways. Germain's "Premium Brand" seeds have been specially re-cleaned in our own grass seed cleaning plant, which is the most modern and complete in the West, to the maximum of purity and germination and they are unusually free from weed seeds. The amount of grass seed that should be planted for golf courses will run from about ninety pounds for the small fine seeds to three

hundred pounds for the larger seeds, to the acre on fairways. For putting greens we recommend planting on the average of about one pound to every 150 square feet. We have not listed prices on large quantities of grass seed such as are often purchased by golf clubs. These prices will vary according to market conditions and will always be as low as is consistent with the market and the quality. Kindly write us for special quotations in larger quantities than indicated herein.

BENT GRASS SEEDS

For Fine Lawns and Golf Greens

Bent Grass Seeds for lawn purposes have become quite popular during the last few years, especially for larger lawns and estates, where much care and attention is given to the lawn. Bent Grasses produce a very fine, beautiful and velvety lawn. Bent Grass Seeds should be sown at the rate of about 4 pounds to every 1,000 square feet. Write for our special pamphlet on Bent Grasses—it gives full details regarding the planting of and caring for Bent Grass Lawns.

SEASIDE BENT

(*Agrostis Maritima*)

Also often called Coos County Bent because most of the seed is grown in Coos County, Oregon. This is a true creeping bent, and makes a very smooth, uniform lawn. Extreme care must be taken in purchasing this seed, as there are so many swamp grasses and other weed seeds in the district where the seed is grown. Our stock of Seaside Bent is carefully re-cleaned in our own specially constructed seed cleaning plant, and is extremely pure and free from weed seeds. Price per pound \$1.75; 5 lbs., \$8.00 postpaid.

ASTORIA BENT

This variety is often called Golf-a-Lawn Bent. It is a very desirable type of grass for golf course putting greens and fine lawns, as it makes a beautiful, thickly matted, deep green turf. It holds its color exceptionally well and is an underground creeper. Our "Premium Brand" Astoria Bent is unusually clean and free from weed seeds. Price per pound \$1.75; 5 lbs., \$8.00 postpaid.

GREENSKEEPERS GREENS COMMITTEES

We invite correspondence on your golf course seeding problems. Information in regard to seed varieties and the planting and care of golf course turf will be gladly given to you with no obligation on your part.

A few of the many famous golf courses in the southwest that have planted Germain's Premium Grass seeds follow.

Rancho Golf Club, Los Angeles.
Rio Hondo Country Club, Huntington Park.
Hillcrest Country Club, Los Angeles.
Virginia Country Club, Long Beach.
Annandale Golf Course, Pasadena.
Hollywood Country Club, Hollywood.
Kern River Country Club, Bakersfield.
Riviera Golf Club, Los Angeles.
San Gabriel Country Club, San Gabriel.
Valley Club, Montecito.
Sunnyside Country Club, Fresno.
L.B. Municipal Golf Course, Long Beach.
Chandler Golf Course, Chandler, Arizona.
Cypress Point Golf Club, Del Monte.
Claremont Country Club, Oakland.
Victoria Golf Club, Riverside.
Del Mar Golf Club, Del Mar.
Flintridge Country Club, Pasadena.



Putting Green at the Annandale Country Club, Pasadena, Cal.



Picturesque Scene on the Cypress Point Golf Course
Del Monte, California.



The thirteenth green at the San Diego Country Club at Chula Vista.
Germain's "Premium Brand" Seaside is used here.

MISCELLANEOUS GRASSES

For Golf Greens, Fairways
and Lawns.

RED TOP

(*Agrostis Alba*)

A fine bladed grass that is often used in mixture with Kentucky Blue Grass for putting greens and tees on golf courses. It also makes an excellent lawn grass. Price per pound 35c; 10 lbs., \$3.00 postpaid.

CHEWINGS FESCUE

(*Festuca Species*)

Used extensively on putting greens, fairways and tees on golf courses, and does well on most any kind of soil. It also produces a stiff, upright plant. Price per pound \$1.25; 10 lbs., \$12.00 postpaid.

BERMUDA GRASS

(*Cynodon Dactylon*)

A broad leaved creeping grass, used for golf course fairways, polo and athletic fields. Will stand a great deal of hard usage. Price per pound 55c; 10 lbs., \$5.00 postpaid.

BUR CLOVER

(*Medicago Arabica*)

Used to a great extent for golf course fairways in California. Price per pound 40c; 10 lbs., \$3.50 postpaid.

ITALIAN RYE GRASS

(*Lolium Italicum*)

This is a very quick growing, short lived perennial grass. It has a tendency to grow in tufts, and has tall, broad, flat leaves. Price per pound 20c; 10 lbs., \$1.50 postpaid.

ROUGH STALKED MEADOW GRASS

(*Poa Trivialis*)

Makes an excellent turf both for lawns in shady places and for putting greens and fairways on golf courses. Leaves are very narrow and flat. Price per pound 50c; 10 lbs., \$4.50 postpaid.

MEADOW FESCUE

(*Festuca Pratensis*)

Produces very broad leaves. Used on golf courses on "the rough" and sometimes on the fairways. Price per pound 40c; 10 lbs., \$3.50 postpaid.

WOOD MEADOW GRASS

(*Poa Nemoralis*)

A very fine bladed grass, medium dark green in color, used in mixtures for shady spots. Price per pound \$1.25; 10 lbs., \$12.00 postpaid.

GERMAIN'S QUALITY ALFALFA SEED

The two brands illustrated on this page have been selected by us to represent the highest qualities of Alfalfa seed that we believe are available. Seed that is packed under these two brands comes from carefully inspected fields that are absolutely true to type, of unusually high hay yields, and that are free from weed plants.

After harvesting the seed is re-cleaned on our modern seed cleaning machinery, resulting in uniformity of size and color, and freedom from chaff, dirt and weed seeds. The seed is then tested and must reach a high standard of purity and germination before being packed in sealed bags under Germain's Premium Brand Chilean and Golden West Brand Hairy Peruvian Alfalfa Seed. These brands have become the recognized standard of quality in Alfalfa Seed.

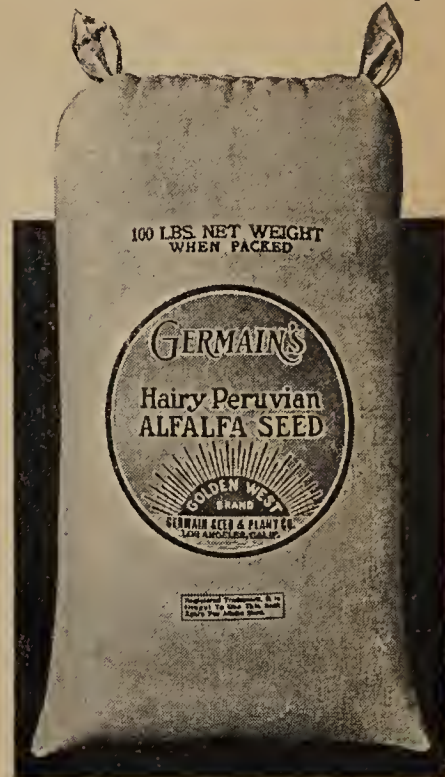
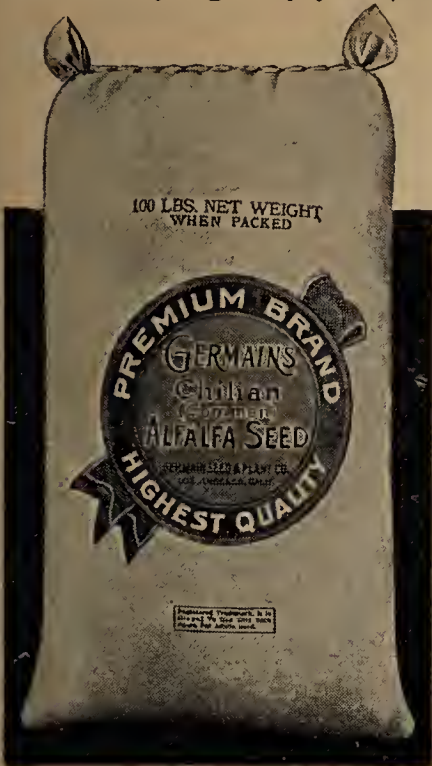
Germain's Premium Brand Chilean (Common) Alfalfa Seed.

Chilean or "Common" is the old type of Alfalfa Seed and is still the leading variety in use. It has given most satisfactory results under a variety of conditions and we can therefore unhesitatingly recommend its use. Price per lb. 35c; 10 lbs. \$3.00, postpaid. Write for quantity prices.

Germain's Golden West Brand Hairy Peruvian Alfalfa Seed. Hairy Peruvian Alfalfa Seed was first introduced by us in a commercial way to the farmers of California. In warm climates Germain's Golden West Brand Hairy Peruvian Alfalfa will produce an average of more than two and one-half tons more hay per acre than the Chilean Alfalfa Seed. It also has a longer producing season, is higher in food value and will recuperate more quickly after each cutting. We endorse and recommend this variety. Price per pound 35c; 10 lbs. \$3.00, postpaid. Write for quantity prices.

"What 58 Years Have Taught About Alfalfa in California"

—is the name of a booklet published by us—send for it —FREE on request.



The Original Legume INOCULATOR

Use NITRAGIN and Increase Your Tonnage

Inoculation of Alfalfa and other legume seeds with NITRAGIN is of great importance to growers. All legumes require a great deal of nitrogen. If the nodules on the roots are not there in quantity, the plant uses nitrogen from the soil instead of taking the nitrogen from the air placing it in the soil.

NITRAGIN is a soil-like substance containing millions of nodule forming bacteria which draw nitrogen from the air and give it to the plant.

Inoculate your Alfalfa Seed and other legumes. It only costs 33c per acre.

When ordering please specify crop to be used on.

ALFALFA, ALL CLOVERS

Size to Treat	
30 lbs. of seed (1/2 bu.)	\$.30
60 lbs. of seed (1 bu.)	.60
150 lbs. of seed (2 1/2 bu.)	1.25
When ordering, always specify kind of seed.	

SOY BEANS AND COW PEAS

Size to Treat	
60 lbs. of seed (1 bu.)	\$.35
120 lbs. of seed (2 bu.)	.60

PEAS, VETCH, BEANS AUSTRIAN WINTER PEAS

Size to Treat	
30 lbs. of seed (1/2 bu.)	\$.30
60 lbs. of seed (1 bu.)	.45
100 lbs. of seed (1 2/3 bu.)	.70
300 lbs. of seed (5 bu.)	2.00

Size to Treat	
300 lbs. of seed (5 bu.)	\$1.25
600 lbs. of seed (10 bu.)	2.00

MISCELLANEOUS FARM SEEDS

Quantity Prices and Samples on Request.

BROOM CORN: CULTIVATION. Plant about 6 seeds to the foot in average soil, thicker if soil is rich; about 4 pounds per acre.

BLACK SPANISH. This variety grows from 7 to 9 feet tall, according to soil and water. The stalks make good silage and produce 10 to 20 tons per acre. The brush grows from 18 to 24 inches long and is of the finest fibre that is produced on any of the standard sorts. You can depend on this wonderful variety for a crop. And it matures from 15 to 20 days earlier than other sorts. Price per pound, 35c; 10 lbs., \$3.00 postpaid.

SCARBAUGH DWARF. This variety grows from 4 1/2 to 6 feet tall on stiff sturdy stalks, and is the best dwarf variety for this district. Price per pound, 35c; 10 lbs. \$3.00 postpaid.

PEANUT: VIRGINIA. The best variety for roasting; 35c lb.; 10 lbs. \$3.00, postpaid.

PEANUT: SPANISH. In addition to their value for nuts, these are very largely used in the South as a forage and fatten-crop for horses and other stock. In harvesting, the nuts hang to the vine and the tops and nuts are fed together to hogs, cows, and horses as a whole grain ration. Spanish peanuts grow in more compact form than the Virginia Peanuts, making it possible to grow them closer and making the cultivation easier. 35c per pound; 10 lbs. \$3.00, postpaid.

MILLET: GERMAN. Few other grasses or forage plants have been able to produce the enormous yield of this plant. It has produced 4 to 5 tons of hay to the acre, and from 70 to 80 bushels of seed. It can be sown on newly broken ground in the spring, and as late as July. Leaves the ground in excellent condition for following crops. Plant 30 lbs. per acre. Price per lb. 25c; 10 lbs. \$2.00, postpaid.

MILLET: PROSO (Hog Millet or Broom Corn Millet). Grown very extensively in Europe and Eastern Asia for food purposes. In America it is very commonly used for poultry food. The culture is the same as for the German Millet. Sow 70 lbs. to 80 lbs. to the acre. Price per lb. 25c; 10 lbs. \$2.00, postpaid.

RAPE: DWARF ESSEX. This crop is very highly recommended for pasturage for sheep and cattle, furnishing most rich and nutritious pasturage within six or eight weeks from the time of sowing. It also makes splendid green feed for poultry. Plant 10 lbs. per acre. 25c per lb.; 10 lbs. \$2.00, postpaid.

SUNFLOWER: MAMMOTH RUSSIAN. Makes heads double the size of the common kind. The yield is enormous from this variety. It has produced as high as 125 bushels to the acre. Plant 10 lbs. per acre. Per lb. 25c; 10 lbs. \$2.00, postpaid.

FIELD BEANS

Since field beans are usually planted in large quantities we would request those making large plantings to write us for special prices as we are in a position to offer selected, true type varieties at the lowest prices consistent with market conditions. Prices on small quantities of all the varieties listed below are as follows: Per lb. 25c; 10 lbs. \$2.00 postpaid, except where noted.

RED MEXICAN. Grows like the Mexican Pink Bean, but is a much heavier yielder. Plant 30 to 40 pounds per acre.

SMALL WHITE BEAN (Navy). This is grown extensively on good soils. It is especially adapted to coastal valleys. Plant 25 to 30 lbs. per acre.

LADY WASHINGTON. Commonly known as the Large White Bean. It might be known as an all around bean, especially adapted to bottom lands and where moisture is easily obtained. Plant 25 to 30 pounds per acre.

PINK BEAN. Will grow almost anywhere provided it has plenty of moisture. Will withstand very hot weather, and ripens early in the season. Plant 30 to 40 pounds per acre.

PINTO. A spotted bean slightly smaller than the Red Mexican. Grown extensively in California, New Mexico and Arizona, and is a very good paying crop. Sow 25 to 35 pounds per acre.

FIELD LIMA. Commonly known as the Ventura Lima. Used for commercial purposes, and is grown on all lands

subject to heavy fogs, such as the Coast district. Plant 50 to 60 pounds.

RED KIDNEY. Can be planted very early as it is a bush variety. May be planted in 18 to 24 inch rows and cultivated by hand. Splendid for table purposes; also becoming very extensively known commercially. Plant 40 to 50 pounds per acre.

HENDERSON'S BUSH LIMA. This variety is commonly known as the Baby Lima, being very small. It is unlike the large Lima bean in growth, as it can be raised in the interior dry sections. Plant 40 pounds per acre.

GERMAIN'S CLOVER SEEDS

Quantity Prices and Samples Sent on Request Inoculate Clover Seeds with NITRAGIN

The expense, time and labor involved in raising a crop is the same whether your crop be large or small. Any increase in tonnage is therefore a net profit. We recommend that all Clover Seeds be inoculated with Nitragin before planting. By inoculating with Nitragin at a cost of only 35c per acre, you can get a 50% larger tonnage in Clover crops. For particulars see page 78.

MELILOTUS ALBA. Melilotus Alba Clover is the only real rival to Alfalfa and has been recognized as one of the leading summer cover crops. It is a biennial and develops a tremendous tap root which penetrates the very hardest soil. It stands excessive moisture and also extreme drought. The flowers of the plant furnish excellent food for bees and the plant itself furnishes excellent pasturage for all kinds of live stock. A great many of the large ranchers are planting this clover to build up their land, and as it makes several crops through both winter and summer, during the two years of its growth, thousands of head of stock are being pastured on it during this time. It will grow on any kind of soil, from light sandy soil to heavy clay soil, and when once established requires very little water; in fact in some of the foothill sections of California the plant grows wild, re-seeding itself every two years and depending entirely on the annual rainfall for its growth. In California the seed is generally sown in the fall of the year for the first rains, using on an average of 20 pounds of seed per acre. The seed should be covered very lightly in a well prepared seed bed for best results. Prices: Per lb. 30c; 10-lb. lots \$2.50, postpaid. Write for prices in larger quantities.

MAMMOTH RED CLOVER OR COW GRASS (Trifolium Pratense Perenne). This plant is a mammoth strain and therefore a taller grower than Red Clover as described above. Price per pound 45c; 10 lbs. \$4.00, postpaid.

ALSIKE (Trifolium Hybridum). Very hardy, adapted for sowing on cold wet land. Planted at rate of 8 to 15 pounds per acre. It yields a large amount of hay or pasture and makes a good bee plant. Price per pound 45c; 10 lbs. \$4.00, postpaid.

RED CLOVER (Trifolium Pratense). Furnishes an excellent feed for pasture or hay purposes and is used to a very great extent throughout the country on lands unsuited to the growing of Alfalfa, and also in crop rotations. It will withstand colder temperatures than most varieties of Alfalfa and also will thrive in slightly wetter land than Alfalfa. We therefore recommend its use in the higher altitudes and colder sections. Plant 15 pounds to the acre. Price per pound 45c; 10 lbs. \$4.00, postpaid.

WHITE CLOVER (Trifolium Repens). Used in this section practically exclusively for lawn purposes. See page 2. Price per pound 55c; 10 lbs. \$5.00, postpaid.

BUR CLOVER. Strongly resembles Alfalfa. It is a great nitrogen-gatherer. Valuable as a green fertilizer and thrives in shade. Also used on hill lands with other clover or grasses for pasturage. Plant at the rate of 15 pounds per acre. Price per pound 40c; 10 lbs. \$3.50, postpaid.

MELILOTUS INDICA (Sour Clover). An excellent cover crop. See page 80 for detailed information and prices.

HUBAM CLOVER. This plant differs from Melilotus Alba only in that it is an annual rather than a biennial. Therefore it will make more growth over a short period of time. It is popular among apiarists because it blossoms the first season planted and the blossoms provide ample supplies of food for the bees. It is very valuable for a cover crop and an excellent forage and hay crop. It is a heavy yielder and very drought resistant. Twelve pounds of seed will plant an acre of land and give maximum returns. Price per lb. 45c; 10 lbs. \$4.00, postpaid.

LADINO CLOVER. This is a mammoth white clover growing very rapidly and furnishing an abundance of tender green feed, making it especially desirable for feeding young poultry. A new introduction but its increase in popularity amongst poultrymen indicates that it is a very valuable addition. Plant 8 pounds per acre. Price per lb. \$1.25; 10 lbs. \$12.00, postpaid.

GERMAIN'S PASTURE AND HAY GRASSES

Write for quantity prices.

We have tried to list hereunder the chief varieties that have been successfully used in this section of the country. However, as a complete list of grasses will be too long to publish in this catalog we would appreciate your writing us for information and prices on any variety that you do not find listed herein and in which you may be interested.

ALFILARIA (Filaree). One of the hardy wild California grasses that makes very good pasturage and will grow most anywhere with practically no care. Plant 10 pounds per acre and let the rains drive the seed in. Price \$1.00 per lb., 10 lbs. \$9.00, postpaid.

AWNLESS BROME GRASS (Bromus Inermis). Is unexcelled as a pasture grass under conditions of drought. Plant 20 pounds to the acre. Price per pound 60c; 10 lbs. \$5.50, postpaid.

BERMUDA GRASS (Cynodon Dactylon). This grass will stand the hottest and driest weather. Also it does well in any soil that is not too wet, and recovers quickly when grazed down. It is a very vigorous grower and is practically impossible to eradicate when once established. Plant only in hot weather, and give plenty of water, as seed will not germinate in cool temperatures. Price per pound 55c; 10 lbs. \$5.00, postpaid.

DALLAS GRASS (Paspalum Dilatum). One of the best pasture grasses for it not only furnishes a highly relished stock feed, but it is very hardy. It grows on poor as well as rich soils and will not die out under conditions of drought. It is also adaptable for growth in swampy lands and supplies thick matted roots that will support cattle on soft ground. Is a vigorous grower and will choke out weeds. Plant 10 pounds to the acre. Price per pound 75c; 10 lbs. \$7.00, postpaid.

CHEWINGS FESCUE (Festuca Species). A stiff upright grower commonly used in mixture with Clover and Red Top for pasture purposes. Does well on most any kind of soil and also in shady places. Plant 15 to 20 pounds per acre. Price per pound \$1.25; 10 lbs. \$12.00, postpaid.

MEADOW FESCUE (Festuca Pratensis). This is a very valuable species for permanent grass lands and is relished by live stock both in hay and pasture. Sow 15 to 20 pounds per acre on well prepared soil. Price per pound 40c; 10 lbs. \$3.50, postpaid.

HARDING GRASS. An excellent pasture grass and it will withstand much hard usage and heavy tramping of stock. It is a perennial grass, originally coming from Africa, and will furnish an excellent feed for years but can easily be eradicated if desired. The growth is tender and sweet and will furnish grass all winter. Under good conditions this grass will pasture one cow per acre per year, and it never bloats. Plant in the early Spring at the rate of 2 to 4 lbs. per acre. Price per lb. \$2.00, postpaid.

Prices given in this section are necessarily only for small quantities as the market prices of field seeds vary considerably throughout the year. Therefore if you are in the market for larger quantities please write us for quotations and we will at all times quote you the lowest possible prices consistent with the prevailing market conditions and the quality of the seed offered.

MESQUITE (Holcus Lanatus). Should be sown on burned over, virgin soils. No cultivation is necessary. Plant at the rate of 15 pounds per acre. Price per lb. 50c; 10 lbs. \$4.50, postpaid.

ORCHARD GRASS OR COCKSFOOT (Dactylis Glomerata). Valuable if planted alone or mixed with other grasses. Very often mixed with White Clover, Red Clover and Rye Grass. Seed should be broadcasted at the rate of 30 pounds per acre on well prepared soil. Price per pound 35c; 10 lbs. \$3.00, postpaid.

RED TOP (Agrostis Vulgaris). A good perennial grass generally sown for permanent pastures. Does best on moist or even marshy land. If the ground is not overflow land mix with Meadow Fescue, Orchard Grass or Alsike Clover. Sow 14 pounds of seed to the acre. Price per lb. 35c; 10 lbs. \$3.00, postpaid.

ITALIAN RYE (Lolium Italicum). A quick-growing grass attaining a height of 2½ to 4 feet; very desirable for temporary meadows or pastures. Thrives best on soils that are slightly moist, and will even stand considerable overflow. Grows easily and supplies an abundance of the best and sweetest hay imaginable. Sow 40 pounds per acre. Price per lb. 20c; 10 lbs. \$1.50, postpaid.

AUSTRALIAN RYE GRASS (Lolium Perenne). A strong growing, hardy perennial grass, noted for its nutritive qualities. Is equally valuable for both grazing and hay. Plant forty pounds per acre. Price per lb. 30c; 10 lbs. \$2.50 postpaid.

PACEY'S RYE GRASS. Valuable as a green forage plant for growing on lands not easily cultivated. Broadcast seed at the rate of 40 pounds per acre. Price per lb. 35c; 10 lbs. \$3.00, postpaid.

RHODES GRASS (Chloris Cayana). This grass bears pasturing very well, recovering quickly after it is eaten down; and is relished by all kinds of live stock. In favorable locations Rhodes Grass will support two steers to the acre nine or ten months out of the year, and in the more favorable parts of the year it will support double that number. It grows very thickly, producing from 5 to 10 tons of fine quality hay per acre. The hay contains a very large proportion of leaves while the stems are slender, tender and sweet so that the hay is eaten with very little waste. Broadcast 12 pounds of seed per acre. Price per lb. 75c; 10 lbs. \$6.50, postpaid.

TIMOTHY (Phleum Pratense). This is the most valuable of all grasses for hay. Thrives best on moist, loamy soil. Sow early in the spring or fall. Sow 15 to 20 pounds per acre. Price per lb. 25c; 10 lbs. \$2.00, postpaid.

GERMAIN'S FALL COVER CROP SEEDS

Prices of cover crop seeds listed below are postpaid in quantities up to and including ten pounds. Cover crop seeds are, however, often purchased in large quantities and we therefore request buyers of sack lots or over to write us for special quotations. Our stocks are all thoroughly re-cleaned to insure their being of high purity and germination and free from noxious weeds.

PURPLE VETCH. The unquestioned superiority of Purple Vetch for fall cover crop planting has caused so large a demand for this seed that in many seasons the supply has not been adequate to take care of the demand. It grows rapidly, withstands cool temperatures and is a very heavy nitrogen and humus producer. Is also becoming very popular for hay and silage purposes. Plant at rate of 40 lbs. to the acre. We take special care in the production of our Purple Vetch Seed and our seed fields are rogued by hand to eliminate all off-type plants. Price per pound, 25c; 10 lbs., \$2.00. Write for quantity prices.

VETCH (Common). Plant in the fall any time from the first of August to the first of January. Used by California orchardists as a cover crop to a large extent. Plant at the rate of 60 lbs. to the acre. Price per pound, 25c; 10 lbs., \$2.00, postpaid.

MELILOTUS ALBA (Sweet Clover). A biennial legume having a deep sturdy tap-root penetrating plough-soles and hard-pans, which no other plant will do. It may also be used as a spring cover crop. See page 39 for detailed information. Price per lb., 30c; 10 lbs., \$2.50, postpaid.

BUR CLOVER. Bur Clover is becoming increasingly popular as a cover crop seed for fall planting. The table shows it to be second only to Purple Vetch in the nitrogen production per acre. It thrives in shady locations where other leguminous crops fail. Broadcast at the rate of 15 lbs. per acre on well prepared soil. Price per lb., 40c; 10 lbs., \$3.50 postpaid.

HUBAM CLOVER. An annual legume which makes an excellent cover crop for fall planting and may also be planted in the spring. See page 39 for detailed information. Price per lb., 45c; 10 lbs., \$4.00, postpaid.

MALVA. This legume is finding favor for cover crop purposes where soil conditions are unfavorable. Price per lb., 35c; 10 lbs., \$3.00, postpaid.

CANADIAN FIELD PEAS. This legume has the distinct advantage of being suited to late planting. Canadian Field Peas may be planted in cold weather and furnish a most valuable cover crop. Plant 75 lbs. to the acre. Price per lb., 25c; 10 lbs., \$2.00 postpaid.

MELILOTUS INDICA (Sour Clover). This is the most popular cover crop in Southern California, and with the exception of Purple Vetch we can recommend it as the best cover crop to plant. Germain's were the original introducers of Melilotus Indica Seed in a commercial way to the farmers of California and each year we supply many hundreds of tons of this seed not only to the ranchers of this state, but also to the sugar planters of Louisiana and surrounding states to be used in renovating the soil in sugar plantations. Seeds should never be covered more than $\frac{1}{2}$ inch. We publish a special pamphlet on Melilotus Indica Seed giving detailed information that space in this catalog will not permit. This circular will be gladly sent to you without charge upon request. Price per pound, 25c; 10 lbs., \$2.00 postpaid. Write for quantity prices.

YELLOW MUSTARD (Brassica Alba). More commonly used than other varieties for sowing in orchards on account of the fact that crop is generally ready to plough under in three months. Plant at the rate of 8 to 10 lbs. per acre, August to December. Price per pound, 25c; 10 lbs., \$2.00 postpaid.

WILD BLACK MUSTARD (Brassica species). Also successfully used as a non-leguminous cover crop. Is very similar in habit to the White Mustard. Price per pound, 20c; 10 lbs., \$1.50, postpaid.

TRIESTE MUSTARD (Brassica Juncea). A greater tonnage can be obtained from this variety than the Yellow variety but its growth is slower. Price per lb., 25c; per 10 lbs., \$2.00.

BEANS: LARGE HORSE. The seed is about an inch long and about one-half inch wide and flat in appearance. Plant 50 to 60 lbs. to the acre. Price per lb., 25c; 10 lbs., \$2.00, postpaid.

BEANS: BELL TYPE HORSE. This is a still smaller Horse Bean and is planted at the rate of 30 to 40 lbs. per acre. Price per lb., 25c; 10 lbs., \$2.00, postpaid.

SPRING COVER CROPS

WHIPPOORWILL COW PEAS

This variety is especially recommended for its quick growing habits and therefore is an ideal variety as a cover crop to counteract the June drop. Whippoorwills will grow on practically all kinds of soils and are great nitrogen producers. Plant at the rate of 60 to 90 lbs. per acre in the spring or summer after the ground is thoroughly warm and all danger of frost is over. Price per lb., 25c; 10 lbs., \$2.00, postpaid.

BRABHAM COW PEAS

The Brabham is a crowder variety of Cow Pea, the culture and habits being very similar to the Whippoorwill. It, however, has the distinct advantage over the Whippoorwill in that it is nematode resistant. Price per lb. 25c; 10 lbs. \$2.00, postpaid.

BROWN VIRGINIA SOY BEANS

The Brown Virginia Soy Bean is far superior to all other va-

TABLE OF RELATIVE VALUES OF COVER CROPS

Compiled by W. M. Mertz from Experiments conducted at the University of California Citrus Experiment Station at Riverside.

Plot	Green Manure Crop	Average Tonnage of Green Manures on Acre Basis	Pounds Nitrogen Per Acre
1	COMMON VETCH.....	12.0	129.6
2	Non-Legume	10.9	61.0
3	Burr Clover	12.7	161.3
4	Non-Legume	9.0	50.0
5	PURPLE VETCH.....	20.0	228.0
6	Non-Legume	9.7	54.3
7	Vetch	12.8	133.1
8	Non-Legume	9.2	51.5
9	Canada Peas.....	7.5	95.2
10	Non-Legume	11.0	61.6
11	Tangier Peas	13.7	135.6
12	Non-Legume	8.7	48.7
13	MELILOTUS INDICA	13.7	152.0
14	Non-Legume	10.5	58.8
15	Fenugreek	12.3	136.5
16	Non-Legume	8.9	49.8
17	Lentils	12.1	157.3
Average of Nine Legume Plots.....		13.0	148.2
Average of Eight Non-Legume Plots.....		9.7	54.3

eties for cover crop purposes, as it is trailing in its habits, whereas most other Soy Beans are erect growers. Sow 30 to 45 lbs. to the acre if drilled, and 60 to 90 lbs. if broadcasted. Price per pound, 25c; 10 lbs., \$2.00, postpaid.

BLACK EYE BEANS

These Beans belong to the Cow Pea family and are often used for cover crop purposes with satisfactory results. Plant 30 lbs. to the acre. Price per pound, 25c; 10 lbs. \$2.00, postpaid.

SESBANIA

A cover crop that is especially adapted to hot climates and therefore is being used to a great extent for planting in the Imperial and Coachella Valleys. It is a leguminous plant containing an abundance of nitrogen bearing nodules on its heavy tap root. Plant at the rate of 12 lbs. to the acre. Price per pound, 25c; 10 lbs., \$2.00, postpaid.



Prices Listed Are Postpaid.

Alfalfa, All Clovers

Size to Treat

30 lbs. of seed ($\frac{1}{2}$ bu.).....\$.35
60 lbs. of seed (1 bu.)..... .60
150 lbs. of seed (2 $\frac{1}{2}$ bu.)..... 1.25

When ordering, always specify kind of seed.

Peas, Vetch, Beans, Austrian Winter Peas

Size to Treat

30 lbs. of seed ($\frac{1}{2}$ bu.).....\$.30
60 lbs. of seed (1 bu.)..... .45
100 lbs. of seed (1 2-3 bu.)..... .75
300 lbs. of seed (5 bu.)..... 2.00

Soy Beans and Cow Peas

Size to Treat

60 lbs. of seed (1 bu.).....\$.35
120 lbs. of seed (2 bu.)..... .60
300 lbs. of seed (5 bu.)..... 1.25
600 lbs. of seed (10 bu.)..... 2.00

GERMAIN'S FIELD & ENSILSAGE CORN

Note. Prices on field corns listed below are postpaid in quantities up to and including ten pounds. If larger quantities are desired, write us for special quantity prices.

If grown for the corn, field corn should be drilled in rows three feet apart, and two feet apart in the rows, requiring about ten pounds per acre. If grown for ensilage, the rows should not be over one foot apart, and thirty inches apart in the rows, requiring 50 to 75 pounds to the acre.

CORN--FIELD

BIG JIM CORN. Germain's Big Jim Corn has proven to be the greatest corn ever introduced in the Southwest. It has outyielded every other variety grown, some of the yields running as high as 100 bushels per acre. The ears of Big Jim Corn, usually borne two on each stalk, average from 10 to 14 inches in length and eight inches in circumference. The kernels are a rich yellow and very large. The cob is proportionately small. The stalks attain an enormous height, bearing an abundance of large leaves.

FOR ENSILAGE. Big Jim Corn produces such an enormous growth of stalks and leaves that it is unsurpassed as an ensilage corn. It is not uncommon for Big Jim to produce from 35 to 40 tons of green corn per acre when sown thickly enough. Furthermore, the feeding value of this silage is greatly increased by the heavy yield of grain.

1 lb., postpaid, 25c; 10 lbs., postpaid, \$2.00.

HICKORY KING, WHITE. This corn is entirely distinct from all other varieties, having the largest grain with the smallest cob ever introduced in a white corn. Price per lb. 25c; 10 lbs., \$2.00, postpaid.

IMPROVED LEAMING CORN. An excellent yellow field corn. 1 lb., 25c; 10 lbs., \$2.00, postpaid.

POP CORN See page 58.

BROOM CORN See page 78.

Semesan Jr. should be used to disinfect seed corn before planting, to destroy such disease germs and fungus spores as adhere to the surface coat or in some cases exist internally. Semesan Jr. possesses remarkable properties for sterilizing seeds, accelerates germination, stimulates growth, influences earlier maturity, develops sturdier plants, and increases crop yields. See page 103 for prices.

GERMAIN'S SORGHUMS AND SUDAN

Write us for Quantity Prices and Samples.

EARLY AMBER. Furnishes most nutritive forage, which can be fed either green or cured, and will yield two or three cuttings a year, stooling out thicker each time it is cut. It grows ten to twelve feet high. Sow broadcast for forage at the rate of 5 pounds per acre in drills three and a half to four feet apart. Per lb. 25c; 10 lbs. \$2.00, postpaid.

HONEY SORGHUM. Honey Sorghum is a selection from one of the earliest introductions, and has been regarded with special favor for ensilage and for syrup purposes. It is the best variety for silage purposes, having slender leafy stalks, varying in height from eight to twelve feet. It is medium late maturing and has decidedly tender stalks, and is important from a forage standpoint. Yields an average of twenty-seven tons or over per acre. When the crop is to be used for fodder or silage, it is usually planted in rows 3 to 3½ feet apart, using up to 5 pounds of seed per acre. Price per lb. 25c; 10 lb. lots \$2.00, postpaid. Write for special prices in larger quantities.

NON-SACCHARINE SORGHUMS

DWARF MILO MAIZE. Germain's select strain of Fancy Dwarf Milo is a unique type, growing to a uniform height of 4½ to 5 feet; its stalks being a mass of leaves overlapping each other and under average conditions yielding from 2 to 2½ tons of threshed grain per acre. It is drought resisting, a vigorous producer, easy to harvest and it is the finest grain we know. Plant six pounds per acre in rows 3 feet apart and plant six to twelve inches apart in a row. Planting should be done in the spring, after all danger of frost is past and when the ground is warm. Price per lb. 25c; 10 lbs. \$2.00, postpaid; 25 lbs. \$4.00.

DOUBLE DWARF MILO MAIZE. Similar in all its characteristics to the Dwarf Milo Maize except in height. This strain grows 2 to 2½ feet tall and therefore can be combined. Planting instructions are the same as the Dwarf Milo Maize. Our seed of this variety is carefully selected for true-ness to type and uniformity. Price per pound 25c; 10 lbs. \$2.00; 25 lbs. \$4.00, postpaid.

ENSILAGE CORN

EUREKA ENSILAGE CORN. Eureka Ensilage Corn is one of the heaviest yielding ensilage corns. It grows to an average height of 14 feet, has very leafy stalks bearing one to three ears to the stalk, and has established a record of an average production of 30 to 35 tons per acre. This when cut and put in the silo, furnishes a feed that is very succulent and of the highest feeding value, and is relished by all kinds of stock.

Price per lb., 25c; 10 lbs., \$2.00, postpaid.

ORANGE COUNTY PROLIFIC. Orange County Prolific is a California product of the white dent variety. It is also an exceptionally heavy yielder and highly recommended for ensilage purposes.

Price per lb., 25c; 10 lbs., \$2.00, postpaid.

Write for quantity prices.

MEXICAN JUNE CORN, WHITE. Very early and hardy, stalks growing to an average height of 7 or 8 feet and producing 30 to 60 bushels of corn per acre. This corn is also used for roasting purposes. 1 lb. 25c; 10 lbs. \$2.00, postpaid.

REID'S YELLOW DENT. A very popular variety of yellow dent corn for seed and silage. Is a good yielder. Price per lb. 25c; 10 lbs. \$2.00, postpaid.

KING PHILIP, YELLOW. This is a hard yellow flint corn and is generally referred to as ninety-day corn. It is drought resisting and will give a fair yield where most corns are a failure. 1 lb. 25c; 10 lbs. \$2.00, postpaid.

WONDER FORAGE PLANT. A variety of Sorghum which we highly recommend. A very heavy yielder due to its habit of stooling. The stems are succulent and sweet. We recommend five pounds drilled, twenty pounds broadcast, to the acre. Price per lb. 35c; 10 lbs. \$3.00.

SUDAN GRASS. Is the most drought resisting annual ever introduced. It grows on a wide range of soils from sand to clay, and produces from four to six cuttings of highly nutritious hay per acre. As a pasture crop it is unexcelled, and succeeds where others fail. Sow 15 to 20 lbs. of seed per acre in the early spring after all danger of frost is past, and you will be assured of a bountiful supply of forage until late fall. The price is 1 lb. 25c; 10 lbs. \$2.00, postpaid.

EGYPTIAN CORN. This is also one of the drought resisting non-saccharine crops. The grain is produced in large compact heads and the seed is flat and pure white. This seed is used very extensively as a chicken feed and also ground into flour which is used for edible purposes. Plant the same as Milo Maize. Price per lb. 25c; 10 lbs. \$2.00, postpaid.

FETERITA. An early maturing plant valued both for grain and forage. It resembles Milo in habit, except that the heads are uniformly erect, seeds bluish white in color. In drought resistance it compares favorably with any sorghum yet introduced. Sow 6 pounds to the acre. Price per lb. 25c; 10 lbs. \$2.00, postpaid.

WHITE KAFFIR. Unsurpassed for dry alkali land, on which no better fodder and grain crop grows. A prolific member of the sorghum family, having more foliage and smaller stalks than the other varieties, and harvested very easily. Its great root system enables it to produce wonderfully in drought sections and to break up new ground for other crops. Cattle relish the stalks; the grain is valuable food for poultry. Plant six pounds to the acre. Price per pound 25c; 10 lbs. \$2.00, postpaid.

HEGARI. The seed is round and white and does not shatter very readily. The heads grow very erect. It is drought resisting and stands some alkali. Plant six pounds to the acre. Price per pound 25c; 10 lbs. \$2.00, postpaid.

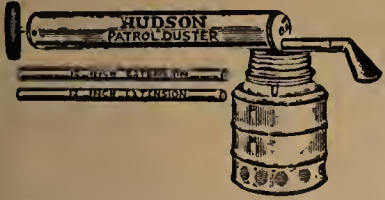
CEREAL GRAINS

Write for Quantity Prices

We carry in stock the following Grain Seed. Due to market changes, we are unable to list prices. We solicit your inquiry and will be pleased to quote you the lowest possible prices on your seeds. Samples will be sent when requested. BARLEY, Beardless, Common; OATS, Red Rust Proof (Texas Grown), Red Rust Proof (California Grown), Kanota; BUCKWHEAT, Japanese; RYE, Common or Winter; WHEAT, Federation, Sonora, Turkey Red, Early Baart.

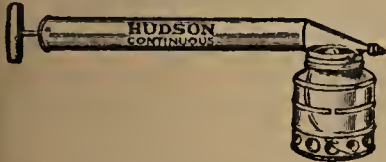
GERMAIN'S SPRAY PUMPS and DUSTERS

612—PATROL DUSTER



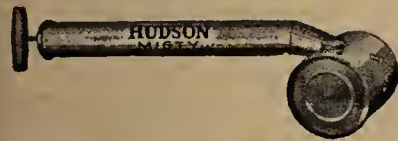
An effective pattern for truck gardens, field crops, etc. The two 12-inch extensions and reversible angle nozzle permit the operator to reach all parts of the plant easily. Angle nozzle insures effective application to under surfaces. Positive force feed construction absolutely prevents clogging. Price \$1.35 each.

427G—CRITIC SPRAYER CONTINUOUS



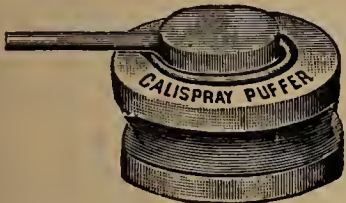
The No. 427G CRITIC CONTINUOUS Sprayer meets the demand for a continuous sprayer with detachable container. Very efficient in the application of household insecticides and disinfectants, as well as preparations for the dairy barn, hog pen, poultry house, etc. Especially adapted for use with preparations which destroy ordinary metal containers. Price \$1.30 each.

MISTY SPRAYER



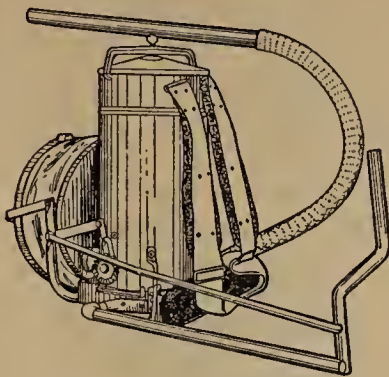
The MISTY is a universal favorite for use about the house, yard, backyard, garden, poultry house, etc. Note its sturdy appearance and construction, which combines strength, simplicity and neatness. Price 50c each.

CALISPRAY PUFFER



Most powerful dust puffer built. Made of metal with heavy bellows. Will last for a long time. Ideal for applying Flea, Fly, Moth, or Insect Powders. Easy to fill. Holds two ounces. Throws cloud four to six feet. Weighs 1/2 pound ready to mail. Price only 35 cents.

AMERICAN BEAUTY DUSTER



The world's finest one-man duster. The only force feed duster built. Feed is instantly adjustable. Built of the best materials. Gears and rocker arms of steel. Bearings of brass. All parts interchangeable and can be shipped by parcel post. Equipped with hose, two lengths of tubing for tall trees and spoon for ground work. Weight 17 1/2 pounds, ready to ship. Price \$20.00 each. F.O.B. Los Angeles.

CADET DUSTER



The CADET is adapted for use with all insect powders. Because of its size and efficiency it is a favorite with the housewife in applying roach, ant, and various bug powders. Price 50c.

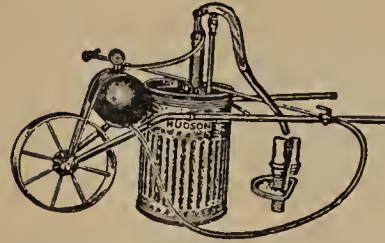
The Genuine "Cahoon"



Broadcast seed sower is dependable and durable. It is a compact, easily operated machine and guaranteed to give satisfaction in every way if used according to instructions.

The seed bag is made of heavy duck securely fastened to the hopper and holds about 22 quarts. The Cahoon sower is used for seeding Alfalfa, Alsike, Barley, Blue Grass, Buckwheat, Corn, Clover, Cow Peas, Wheat and other seeds in similar bulk and nature. Weighs 8 lbs. Price \$5.50 each, postage extra.

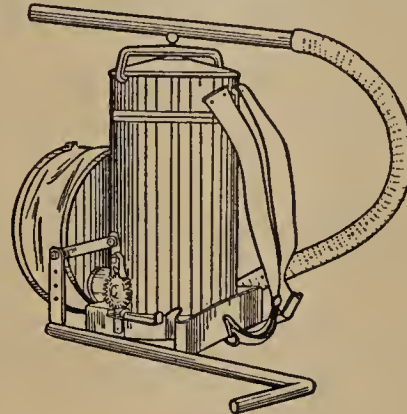
IDEAL SPRAYER NO. 35S



This new model represents the very latest ideas in design, construction, capacity, strength, and efficiency in wheel-barrow sprayers. The new larger diameter tank, corrugated for strength and appearance, with all danger of tipping eliminated; the special tubular non-clogging intake strainer and dasher agitator; the boiler iron air pressure chamber with its sturdy anchoring; the husky tubular steel frame with sturdy channel iron cross braces; the big wheel for easy portability; are all important to its efficient performance.

For whitewash or other liquids with sediment, disconnect short hose from pump head to gauge and attach long hose directly to pump head. 18 Gal. Capacity Galvanized Tank. \$36.50.

CALIFORNIA BEAUTY DUSTER



Just the thing for small truck farm acreages.

Holds twelve pounds dust. Throws cloud twelve feet. Weighs 9 1/2 pounds. Feed instantly adjustable.

Equipped with hose, tubing and spoon to reach the under side of leaves on the ground without stooping.

Price \$14.00 each, F.O. B. Los Angeles. Weight, 12 1/2 pounds, ready to ship.

GROBARK



"AN UNEXCELLED BARK RESTORER"

Here is an item that is unexcelled as a pruning, grafting and budding compound that will actually grow new bark over wounds on a tree or shrub. Tubes 20c; pns. 30c; qts. 50c; gal. \$1.50; 5 gal. \$6.00—postage or express extra.

New Wonder "Compressed Air" Garden Sprayer—

Takes the Work Out of Spraying



Takes the work out of the spray job and makes spraying a pleasure. Simple to operate, well made, the Sprayer you have been waiting for. Designed for home gardens, poultry houses and large bird aviaries. Your garden equipment is not complete without a Wonder Compressed Air Garden Sprayer to protect it from destructive insects.

Reasonably priced.....\$1.95



Perfection 110G

For work of any kind requiring high pressure. It is very practical in the garden, orchard, poultry house, in the home for removing wall paper, etc. 4 gal. capacity. 12" extension rod on 2 ft. 3/8" hose. automatic nozzle.

No. 110-G.F.—4 gal. Galvanized Tank, each\$7.50

No. 140-G.F.—2 1/2 gal. Galvanized Tank, each 5.25

No. 140-B.F.—2 1/2 gal. Brass Tank, each 7.75

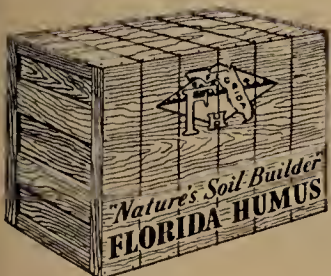
No. 120G—2 1/2 Gallon Galvanized



120-G.F. Thrifty

The HUDSON THRIFTY Sprayer is intended for the small home owner or "Suburbanite" whose work does not justify the investment in one of the larger capacity outfits, or the labor in handling it. Handles all solutions very effectively. Price \$4.25 each.

FLORIDA HUMUS



absorbing 5.81 times its own weight of water in 5 hours, it is a natural home for the soil-building bacteria upon which gardening success so much depends.

Prominent growers in this section have made exhaustive tests of Florida Humus in the preparation of soils for azaleas, rhododendrons, and roses, both in benches and in the garden. Reports from these tests indicate that Florida Humus is superior to any material which these large growers have ever used before.

IN A NUTSHELL

Florida Humus increases the water-holding capacity of the soil.

It aerates the roots and prevents packing and cracking of the surface.

It gives body to sandy soils and prevents leaching.

It promotes vigorous and rapid beneficial bacterial growth.

It provides the necessary vegetable matter required by worn-out soil.

It supplies the natural organic nitrogen which all plants need.

100-lb. crate\$ 3.00
200-lb. crate 5.25
Ton 45.00

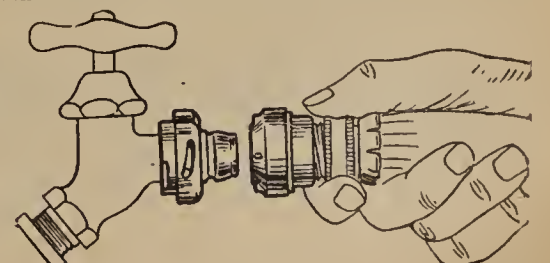
Florida Humus is obtained from a natural deposit of decayed, water-grown vegetation which has accumulated for ages. It is not the same as sphagnum moss peat, but lighter, fluffier, looser, and is all purely vegetable matter.

It is taken from under water by a suction dredge, which keeps it free from weed seeds, insects, gravel, clay, and other foreign matter, and is perfectly odorless and clean when packed and shipped.

Unusually rich in organic nitrogen (containing more than 2 per cent) and

The New Red Cap Hose Coupler

New easy way to connect your garden hose to the faucet. 60c.



Ortho Garden and Nursery Sprays

GARDEN BORDO MIXTURE (Fungi Bordo). For blight, rust and fungus diseases. For general use—2 ozs. to 1 gal. water, 6 lbs. to 50 gals. water. Per lb. 30c; 4 lbs. 90c.

GARDEN BUGGO. An effective bait for control of Snails, Slugs, Earwigs, Grasshoppers, Cutworms. 1 lb., 20c; 3 lbs., 45c; 5 lbs., 70c; 15 lbs., \$1.95; 50 lbs., \$5.50.

GARDEN CALCIUM ARSENATE A stomach poison used in making baits for Snails, Cutworms, Grasshoppers, etc. Full directions on package. Also used as a dust to control Cotton Boll Weevil and other Beetles. 1 lb., 25c; 3 lbs., 50c.

GARDEN CALTOX. A combination insecticide and fungicide for control of most Beetles, Worms and Caterpillars and many fungous diseases. Used either as a dust or liquid spray. 6 oz., 35c; 1 lb., 75c; 3 lbs., \$1.50.

GARDEN LEAD ARSENATE. The best known and most extensively used stomach poison for chewing or leaf-eating insects, Caterpillars, etc. It is safe to use on most plants. Generally, used one tablespoonful to one gallon of water, or one pound to 50 gallons of water. Can also be used as dust—1 lb. to 5 lbs. of Hydrated Lime. 1 lb. 30c. Commercial Growers, 4 lb. packages 75c. Per case of 48 lbs. 15c per lb.

GARDEN DRY LIME SULPHUR. A powdered form of Lime Sulphur. Use ½ to 2 level teaspoonfuls to 1 gal. of water; 1 lb. to 5 gals. of water. A dormant spray for Peaches, Apples, etc. Use 1 lb. to 12 gals. of water. Prices: 1 lb. 35c; 5 lbs. \$1.45.

GARDEN POISON BARLEY. Used extensively for poisoning Ground Squirrels. 1 lb., 40c; 5 lbs., \$1.50.

GARDEN SULPHUR. Is the superfine flotation type sulphur for all around home garden use. Either as a dust or liquid spray. 2 lbs., 25c; 5 lbs., 50c.

GARDEN NICOTINE TENDUST. A 10% Nicotine Dust, effective for low growing crops having dense foliage as it dusts into places that cannot be reached by a liquid spray. 6 oz., 35c; 5 lbs., \$1.50.

GARDEN VOLCK. The complete contact spray (containing Volck, Nicotine and spreader) for control of all sucking insects including Aphids, Mealy Bug Scale, White Fly, Red Spider. Also effective against Rose Mildew. 3½ oz. bottle, 35c; pt. \$1.00; qt., \$1.50; gal., \$3.00; 5 gals., \$12.50.

GREENHOUSE VOLCK. A special Volck for use in Greenhouse and Lathhouse for control of Mealy Bug, Scale, Orthezia, White Fly, Red Spider, Cyclamen Mite. 1 qt., 75c; 1 gal., \$2.00; 5 gals., \$5.00.

NURSERY VOLCK. One of the most powerful insecticides known. Effective on practically all insects on ornamental and flowering plants—Red Spider, Aphids, Scale, Mealy Bug, etc. Volck is odorless, colorless and non-poisonous. Generally used 3 level tablespoonfuls to 1 gal. of water. 1 pt., 50c; 1 qt., 75c.

GARDEN WEED KILLER. A powerful Arsenical weed killer, similar to that used by the railroads. Also used to make poisoned baits for Grasshoppers and Cutworms. Pt., 50c; 1 qt., 75c; 1 gal., \$2.00; 5 gals., \$5.00.

GARDEN WHALE OIL SOAP. A liquid whale oil soap. Soluble in hard or soft, hot or cold water. Effective as a spray for Aphids and as a spreader for other sprays. 1 pt., 35c; 1 qt., 50c; 1 gal., 1.50; 5 gals., \$5.00.

INSECTICIDES AND FUNGICIDES

NEW IMPROVED CERESAN. Here is an easily applied dust treatment which has proven effective in controlling such seed-borne diseases as bunt or stinking smut of wheat; stripe disease of barley loose and covered smuts of barley and oats. Ceresan does not injure the seed nor the grain drill. Only 2 ounces of Ceresan required per bushel of wheat, rye or sorghum, and 3 ounces for barley and oats. Easy to apply, economical. Prices: 1 lb. tin 75c; 5 lb. tin \$3.00.

NU-GREEN. Famous golf clubs use Nu-Green to keep their costly greens in perfect condition. It disinfects the soil which protects grasses against destructive Brown Patch. Nu-Green also brings to your lawn stimulating nutriment which produces early vigorous growth and insures hardy, full development. Used 1 lb. to 50 gallons of water. Prices: 3 ozs., 50c; 1 lb., \$1.65; 5 lbs., \$7.00.

NEW IMPROVED SEMESAN BEL. This is the new instantaneous dip potatoes that is fast replacing all formerly practiced methods for seed potato disinfection. Equally useful for roots and tubers of other vegetables and flowers. Ask for Semesan Bel booklet. Prices: 4 oz., 50c; 1 lb., \$1.65; 5 lbs., \$7.00.

NEW IMPROVED SEMESAN JR. This material is easily applied to sweet and field seed corn by the dusting method and disinfects thoroughly against diseases such as the ear, stalk, and root rots, increasing germination and final crop yield by 20 to over 40 per cent. Write for Semesan Jr. booklet. Prices: 4 oz., 35c; 1 lb., \$1.00; 5 lbs., \$4.75.

SEMESAN. The only chemical to be applied in either liquid or dust form to prevent or control most parasitic diseases and fungoid growths of seeds, bulbs, and seed pieces, including "Damping-Off," "Brown Patch," and "Crown Gall." Equally effective for seeds or plants. Ask for Vegetable, Flower and Nursery booklets. Prices: 2 oz. 50c; 1 lb. \$2.50; 5 lb. \$11.75.



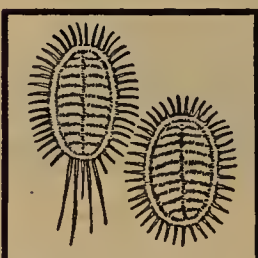
Aphids (Aphids or Plant Lice). Less than ¼" long. The most common of these is the green aphid on roses.



Beetle. The twelve spotted kind (Diabrotica) is often found on rose huda, dahlias, etc.



Scale. Scale insects injure plants by sucking the sap. Ants carry them, destroy ants also.



Mealy Bug. Waxy scale, usually covered with a white waxy meal. Control ants also.



Rust. Covers stems and leaves with tiny pustules having the appearance of red or brown rust.



Cutworms. Destroy young plants by chewing the stem at or just below the surface of the ground.

GERMAIN'S

There are a number of insects and diseases that trouble flowers, vegetables and trees, and to grow them successfully they must be protected from these pests.

Crop	Pest	Use Material No.
Almond	Aphis	3-9-10-13-22-35-12
	Red Spider	9-22-34
Apple	Aphis	3-9-22-35-12
	Collin Moth	11-20-23
	San Jose Scale	
Apricot	Brown Rot	6-37
	Brown Scale	11-20
	(gummy)	6-37
	Gummy	
Aster	Aphis	3-4-35-12
	Red Spider	9-22-34-23-35-37
Avocado	Red Spider	9-34-23
	Thrips	3-9-35-12
Beans	Aphis	3-4A-12
	Wireworms	4
Bougainvillea	Mealy Bug	19-22-23-34-35
	Scale	19-22-23-35
Boxwood	Mealy Bug	19-35-23
	Scale	19-23-35
	Sow Bug	31-38
Cabbage	Aphis	3-9-4A-12
	Cabbage Worm	7-34-37
Calla Lily	Mealy Bug	19-34-23-35
	Red Spider	9-34-23-35
	Thrips	9-10-12-4A-4B
Cantaloupe	Aphis	4A-12
	Mildew	29
Carnation	Aphis	3-9-4-13-12-4A-4B
	Mealy Bug	19-22-34
	Red Spider	9-34
Cedar	Caterpillars	1-7-37
	Scale	19-22-23
Chrysanthemums	Aphis	3-9-13-22-35-12
	Mealy Bug	19-34-23-35
	Red Spider	22-34-23-35
	Thrips	10-12-4A-4B-35
	Beetle	37
Corn—Field	Diplodia	29
	Gibberella	29
	Stalk rot	29
Corn—Sweet	Ear Worm	7-29-37
	Wireworms	3-34
Cucumber	Aphis	4-4A-12
	Mildew	16-32
	Beetle	4-7-34-12-37
Dahlia	Red Spider	22-34
	Mealy Bug	10-12-4A-4B
	Beetle	37
Evergreens	Aphis	3-4-13-12-35
	Mealy Bug	19-22-34-23
	Red Spider	3-23-34
	Scale	19-23
Ferns	Aphis	19-9-12
	Scale	19
Fig Trees	Red Spider	22-34-23
Genista	Caterpillars	7-13-37
Gladolus	Aphis	3-9-12-35
	Leaf Rot	27
	Thrips	35
Grapes	Leaf Hopper	3-4A-8-9
	Mildew	32
Household Pests	Ants	1-2-8
	Flies	15
	Mosquitos	15
	Roaches	1-15
Ivy	Ants	2
	Aphis	3-4-10-12-35
	Scale	19-22-23-35
Juniper	Scale	19-23

Spray Materials

- | | |
|--------------------------------|-----------------------------------|
| 1. Antrol Ant and Roach Powder | 6. Garden Bordeaux Mixture |
| 2. Antrol System | 7. Garden Arsenate of Lead |
| 3. Black Leaf 40 | 8. Cyanogas |
| 4. Calispray Gardust No. 82 | 9. Nicotine Aphis Spray |
| 4-A Calispray Dust No. 10 | 10. Destruxol |
| 4-B Garden-Nicotine Tendust | 11. Dry Lime Sulphur |
| 5. Carbolineum, Avenarius | 12. Antrol Pyrethrum Garden Spray |
| 5-A New Improved Ceresan | 13. Evergreen |
| | 14. Fish Oil Soap |
| | 15. Flit |
| | 16. Fungtrogen |

All items can be sent by parcel post or express at purchaser's expense.

SPRAY CHART

This chart will help you to identify the majority of harmful insects usually found in gardens and to determine the best method of control and of eradication.

Crop	Pest	Use Material No.
Lawns	Angleworms Cutworms Snails Lawn Moth Worm	24 24 30 7
Lemon	Mealy Bug Red Spider Scale	22-23-34-35 9-22-23-34 22-23
Oats	Smut	5A
Oranges	Mealy Bug Red Spider Scale	22-23-34-35 9-22-23-34 22-23
Palm	Mealy Bug Scale	19-34 19
Peach	Black Aphid Curly Leaf Red Spider	3-4A-4B-12 11-20-6-37 9-22-23-34
Pear	Aphis Codlin Moth Pear Tree Slug San Jose Scale	3-4-13-12 7-4A-4B-37 11-20-23
Peas	Aphis	1-4A
Pepper	Aphis Thrips	3-4A-12 1A-34-12
Petunias	Caterpillars Mealy Bug Thrips	7-13-37 19-34-35 19-34-35
Plum	Aphis San Jose Scale	3-12-4A-4B 11-20-23
Potatoes	Scab Rhizoctonia Black Rot	28 28 28
Poultry	Lice Mites	3-22 5
Prune	Aphis Scale	3-9-12 11-20-23
Pumpkin	Aphis Squash Bug Thrips	4A-9-12 4-13-4A-4B-35 1A-10-34-35
Raspberry	Red Spiders Scale	9-22-23-34 20-22-23
Rose	Aphis Black Spot Mealy Bug Mildew Scale Thrips	3-9-10-13-22-35 12 16 19-22-23-34-35 16-35 22-23-35 9-10-34-35-4A-4B-12
Snapdragon	Rust	16
Squash	Aphis Squash Bug	4A-9-12 1-13-4A-4B-35
Strawberry	Aphis Red Spiders Thrips	3-9-4-12-4A-4B 14-23-35 10-34-12-35
Sweet Peas	Aphis Mildew	3-9-10-4A-12-35 16-32
Tomato	Blight Cutworms Tomato Worm	3-16 30-38 4-7-37
Tulip	Aphis Thrips	3-12-4A-4B-35 9-34-12-4A-4B-35
Walnut	Aphis	3-4A
Wheat	Stinking Smut	5A
Miscel. Pests and Rodents	Ants—Sweet Eating Ants—Red Cutworms Gophers Grass Hoppers and Squirrels Moles	1-2 18 30 8-17-18 30 11-25

indicated by number above

- | | |
|---------------------------|------------------------------|
| 17. Gopher Firecrackers | 28. New Improved Semesan Bel |
| 18. Gopherscent | 29. New Improved Semesan Jr. |
| 19. Lemon Oil | 30. Snarol |
| 20. Lime Sulphur Solution | 31. Sow Bug Control |
| 22. Nicon | 32. Sulphur |
| 22-A Nu-Green | 33. Tree Tanglefoot |
| 23. Nursery Volck | 34. Red Arrow |
| 24. Pawai | 35. Ortho Garden Volck |
| 25. Poisoned Barley | 36. Ortho Weed Killer |
| 26. Pulvex | 37. Garden Caltox |
| 27. Semesan | 38. Garden Buggo |



Corn Ear Worm. The most troublesome pest of sweet corn. Treat new silk as it appears.



Mildew. A fungus disease affecting roses, etc., in moist, shady places; cloudy weather, etc.



Thrips. Tiny almost invisible insects. Very injurious to flowers and young growth.



Codling Moth. The well-known apple worm—treat from bud stage until apple is formed.



Red Spider. Tiny mites, mere specks of red or yellow, usually on the under side of leaf.



Wireworm. Hard smooth worms; slender and brownish yellow. Attack roots and root crops.

ANTROL ANT AND ROACH POWDER. An improved fast killing powder, used for quick temporary relief from Ants, Roaches, etc. It is very effective for killing Silverfish. Price 2 oz. can 15c.

ANTROL SYSTEM. Kills the ants in the nest, the Antrol glass containers are easy to use and keeps the syrup at its highest efficiency. Antrol Syrup is a mild poison that is greedily eaten by the Argentine Ants. Prices: Antrol set of 4 with 4 oz. bottle of Syrup—65c. Ready-filled Antrol set of 4—40c.

SNAROL. A prepared meal to broadcast on the ground for the control of snails, cut-worms, etc. Will not deteriorate from rain and is non-injurious to vegetation. 1½ lbs. 25c; 4 lbs. 60c; 15 lbs. \$1.95; 50 lbs. \$1.50.

SOW BUG CONTROL. Simply spread this powder in dry spots along walks, buildings, etc., with an old spoon. In moist places use Snarol as its effectiveness is increased by water. Price, Sow Bug Control: 1 lb. 50c; 5 lbs. \$1.75.

ANTROL NICOTINE APHIS SPRAY. For Aphids, Leafhopper and Thrip. 1.35 fluid oz. 25c.

ANTROL PYRETHRUM SPRAY. For sucking insects such as Aphids, Thrips, Leafhoppers. For chewing insects also, such as Aster Beetle, Cucumber Beetle, Leaf-rollers. 1.35 fluid oz. 25c.

BLACK LEAF 40 (or Nicotine Sulphate). The most popular Insecticide for Sucking insects, such as aphids. Use 1 to 2 teaspoonfuls to 1 gal. of water. Add Nursery Volck or Fish Oil Soap with the mixture for better coverage. Black Leaf 40 is an effective control for Lice on Poultry. Paint the perches after cleaning. Prices: 1 oz. bottle 35c; 5 oz. \$1.00; 2 lbs. \$3.25.

CALISPRAY DUST NO. 10. A 10% nicotine sulphate dust. Dusts are very effective for many crops that are low growing and have dense foliage, as it clouds into places that cannot be reached with a liquid spray. Price: 1 lb. 50c.

CALISPRAY GARDEN DUST NO. 82. An all around garden dusting material for use against chewing and sucking insects such as Caterpillars, Aphids, etc. It is already to use and consists of 7½% nicotine sulphate, 20% Arsenate of Lead, 20% dehydrated Copper Sulphate, and 52½% releasing carrier. 4 oz. package 25c; 1 lb. 60c. A small duster, the Calispray Puffer, is very handy to spray the above. 35c each.

CARBOLINEUM, AVENARIOUS. Poultry houses, dog kennels, fence posts, etc. Prices: 1 qt. 65c; 1 gal. \$2.00; 5 gal. \$9.00.

CYANO GAS (Calcium Cyanide). When exposed to the air, gives off a gas that is deadly to most rodent and insect pests. It is extensively used on Ants, Gophers, Wireworms, and many other insects and rodents. Write for pamphlet, stating pest you are troubled with. Prices—Dust or granular—1 lb. 75c; 5 lbs. \$2.50.

DESTRUXOL. A contact and fumigating spray for Aphids, Thrips, Mealy Bug, etc., does not injure flowers or foliage. One ounce makes 3 to 5 gallons of spray. Prices: 1 oz. 40c; 1 qt. \$3.75.

EVERGREEN. A Pyrethrum spray, non-poisonous, used very successfully for aphids, cucumber beetle, squash bugs, etc. Use 1 to 2 teaspoonfuls to 1 gal. of water. Price: 1 oz. 35c; 6 ozs. \$1.00.

FLIT. Destroys flies, mosquitoes, moths, bedbugs, roaches, etc. Close doors and windows and spray freely. 1 pt. 60c; 1 qt. \$1.00.

FUNGITROGEN. A highly concentrated form of the famous Rosenbluth formula, used with phenomenal success in the nationally known rose garden at Wallingford, Pa. It is an effective and scientific preventive for mildew, black spot and certain other fungus diseases of roses. Use 1 tablespoonful to 1 qt. of water, 2 oz. to 1 gal. of water. ¼ pt. 45c; 1 pt. \$1.25; 1 qt. \$2.00; 1 gal. \$6.00.

GOPHER FIRECRACKERS. Very effective against Gophers and Ground Squirrels. Light the fuse and put down in the hole. It throws off a poisonous gas. Each 5c; per doz. 50c.

GOPHERSCENT. Poisoned raisins and grain. A particularly effective poisoned food for gophers, 8 oz. package 35c; 12 oz. package 50c.

LEMON OIL. Used by prominent florists against Scale, Mealy Bug, Rust, Aphids, Caterpillars, etc., on Palms, Rose Bushes, Ferns, etc. We recommend it for ferns and house plants, as it leaves no disagreeable odor and is not dangerous to use. Use 1 tablespoonful to 1 pt. of water, ½ pt. to 4 qts. of water. ½ pt. 45c; 1 pt. 70c; 1 qt. \$1.20, and 1 gal. \$3.25.

LIME SULPHUR SOLUTION. A reliable dormant spray for most deciduous trees. Convenient to use, requires no preparation other than stirring into water. Very effective for San Jose Scale. For peach leaf curl, spray just as the buds begin to burst. 1 pt. to 5 qts. of water, 1 gal. to 10 gals. of water. 1 pt. 25c; 1 qt. 40c; 1 gal. \$1.00.

NICONA. A nicotine and oil spray, effective against aphids, thrips, red spider, scale, mealy bug and mildew. Generally use 2½ tablespoonfuls to 1 gal. water. Prices: ½ pt. 45c; 1 pt. 60c; 1 qt. 90c; 1 gal. \$2.35.

PAWAI. A fine powder that controls Angleworms, etc., in the lawn and garden. Usually mixed with water and poured on the infected area. 5 lbs. will treat 1000 sq. ft. Prices: 1 lb. 30c; 5 lbs. \$1.10, postpaid. 25 lbs. \$3.75 each.

PULVEX. The non-poisonous Flea Powder for dogs, cats, and canaries. Actually kills all the fleas. Still is harmless to your children and pets. Simply dust the powder well and rub in thoroughly. Used regularly by the largest fox breeding farms. Price: ¼ oz. for canaries. 25c; 2 oz. for dogs and cats, 50c; 12 oz. size \$1.25.

RED ARROW. Kill Chewing and Sucking Insects Safely—the perfected Garden Spray which combines Pyrethrum, Derris and Soap in convenient form. Mix with water and spray. Could anything be simpler? Prices: 1 oz. 35c; ¼ pt. \$1.00; pt. \$2.50; qt. \$4.00; gal. \$12.00.

SULPHUR. Anchor Brand Sulphur is best for mildew on grapes, roses. Prices: 1 lb. 10c; 5 lbs. 35c; 10 lbs. 65c.

All items can be sent by parcel post or express at purchaser's expense.

Germain's ROSES Win

It has ever been the aim of Germain's to grow and sell only those roses which will make the average gardener point to his bushes with pride, and the most important requisite of the successful Rose Garden is to start with Good Roses. That we have been measurably attaining our goal is witnessed by the ever-increasing list of satisfied customers in all parts of the world.

We justifiably point with pride to the Blue Ribbon won by our entry in the National Rose Show of the American Rose Society at San Diego this past fall. All of the prize-winning blooms were picked the day before from one of our rose growing fields as pictured below.

When you plant Germain's Roses of Quality you do so with the assurance that you have secured for your garden, Roses which are

unsurpassed in quality anywhere in America. For America is now coming to California for its Roses and it is in the best Rose District in Southern California that Germain's Roses are grown. They are produced under the most up-to-date methods by experts, budded on extra strong stock and grown on for two years in the field, closely inspected at regular intervals and finally dug and graded to strictly A-1 size.

Every one of Germain's Roses is guaranteed to bloom for you at the first blooming period which is within a few weeks after planting depending on the region in which it is planted. You can definitely know that our roses will bloom for you the same spring in which they are put in the ground, all through the season and for many, many succeeding years.



A View of One of Germain's Rose Growing Grounds

HINTS ON ROSE GROWING

PREPARATION OF SOIL

To obtain best results, the important part is soil preparation. Spade 18 inches deep, well pulverized and enriched to about one-fifth of its bulk with well-rotted barnyard manure.

PLANTING

Plant the roses at once, but if impossible, place them in a shady place, cover the roots with soil, and water thoroughly. Place plants in an upright position, working the soil around roots a little at a time, treading firmly with the foot. Leave a shallow depression and fill with water as soon as planted and again after water has seeped away.

WATERING AND CULTIVATION

During the growing season roses require a liberal supply of water and should be cultivated regularly through the summer months. A thorough irrigation every week, soaking the soil to a depth of 18 inches or 2 feet, is usually sufficient. Be sure, however, that the water penetrates to the required depth, do not "sprinkle" and think you are watering.

MULCHING

In order to avoid the frequent cultivation necessary during the summer months, many rose growers resort to mulching. We recommend for this purpose a layer about 2 inches thick of GERMAIN'S PEAT MULL. This material is finely shredded and of a neutral brown color. It has a certain food value, keeps down weeds, and through slow fermentation promotes a beneficial acid condition in the soil.

PRUNING

The aim in pruning should be to eliminate all undesirable growth and to so reduce the remaining branches that a well-balanced, thrifty plant will result when renewed growth begins.

Cut away entirely all weak growth and all branches on which the bark shows signs of disease (cracks, discolorations, etc.). Then prune back the remaining strong and healthy branches about 1/3 or even 1/2 their original height, according to the type or variety. In pruning use a sharp pair of shears or a keen-edged knife and make a clean, slightly sloping cut just above a good strong eye. Choose one pointing outward from the center; this will help to build an open, well-rounded bush.

CUTTING OF FLOWERS

Do not be afraid to cut the flowers from your plants, as this will do them no harm. A good rule to follow when picking the blooms is to cut the flowering stem back to within 2 or 3 leaves from where it branches out of the main stem.

All Prices on Bush and Climbing Roses Include
Postage Anywhere in U. S. A. and Possessions

National BLUE RIBBON

First Prize
NATIONAL
ROSE
SHOW

at
SAN DIEGO



CALIFORNIA PACIFIC
INTERNATIONAL EXPOSITION

San Diego, California

OCT. 12 - 13, 1935



TREE OR STANDARD ROSES

CONDESA DE SASTAGO. Two-toned blooms, deep yellow on outside of petals and coppery rose with red on inside. Each \$2.00.
COUNTESS VANDAL. A vigorous grower with attractive orange-copper buds. In the open flower the copper bronze suffuses salmon pink to make a glowing and striking flower. Each \$2.50.
MARY HART. The bud is maroon-red, opening to large, well-formed blooms of deep velvety blood-red, with an overglow of amber. Each \$2.50.

AUTUMN—Burnt orange with red.
DAME EDITH HELEN—Soft rose pink.
E. G. HILL—Scarlet shading to deep red.
ESSENCE—Deep crimson.
GRENOBLE—Brilliant scarlet.
HADLEY—Rich velvety red.
IMPERIAL POTENTATE—Clear rose.
KAISERIN VICTORIA—Pure white.
LOS ANGELES—Flame pink.
Price: Any of the above single color tree roses \$1.75 Each—\$17.50 Dozen.

MARGARET MCGREDY—Turkish red.
MCGREDY'S SCARLET—Rose red.
MRS. E. P. THOM—Rich lemon yellow.
MRS. G. A. VAN ROSSEM—Orange.
PRES. HOOVER—Multi-colored.
RED RADIANCE—Bright rosy red.
SISTER THERESE—Daffodil yellow.
SOUV. CLAUD. PERNET—Clear yellow.
TALISMAN—Yellow, pink and scarlet.

TWO COLOR COMBINATIONS

The tree rose lends itself to the opportunity of budding more than one variety on the same tree. The result is a unique and entrancingly beautiful blending of colors that makes this form a splendid ornamental addition to the home grounds and garden.

MRS. E. P. THOM, yellow, and **DUCHESS OF ATHOLL**, orange.
CLAUDIUS PERNET, yellow, and **IMPERIAL POTENTATE**, rose pink.
HADLEY, crimson, and **KAISERIN A. VICTORIA**, white.
E. G. HILL, red, and **TALISMAN**, red, yellow and apricot.
Any of the above 2 color combinations, \$2.00 each.

THREE COLOR COMBINATIONS

COMBINATION NO. 1—Golden Emblem, Etoile Hollande, and Duchess Atholl.
COMBINATION NO. 2—Hadley, Kaiserin Victoria, and Ville de Paris.
COMBINATION NO. 3—Hadley, Claudius Pernet, and Imperial Potentate.
Any of the above 3 color combinations, \$2.50 each.

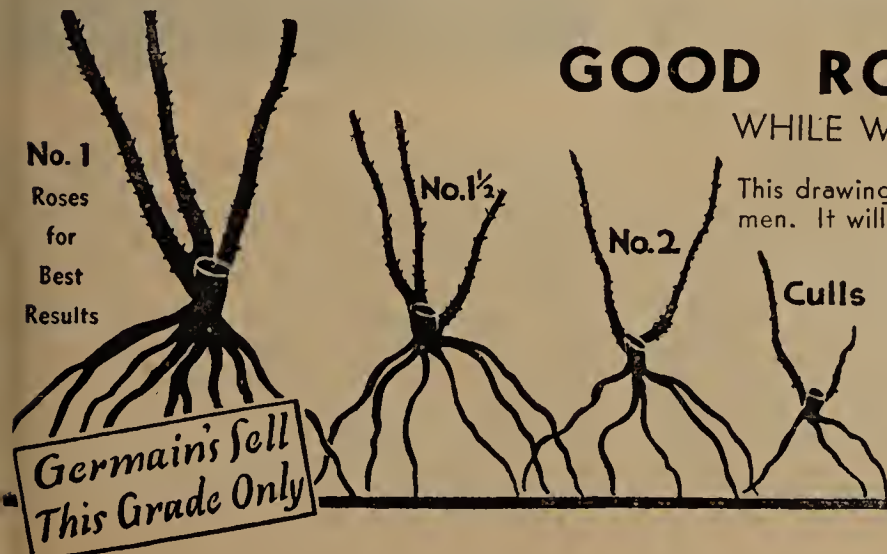


More detailed descriptions may be found on the following pages devoted to the same varieties in bush form.

NOTE—All tree roses are shipped via Express Collect, the transportation charge being paid at point of delivery.

GOOD ROSES ARE PERMANENT

WHILE WEAK STOCK QUICKLY DETERIORATES



This drawing illustrates the grading of roses by the American Association of Nurserymen. It will assist you in selecting the proper type.

Germain's handle and sell only the **NUMBER ONE GRADE**, which assures you that they will blossom at the first blooming period after planting. Bargain prices in Roses should be carefully scrutinized; you should know what you are getting.

For only a few cents more you can
BUY THE BEST

GERMAIN'S ROSES

A superlative list of new roses which we are introducing this year and others that were novelties of the past season. There are scores of new varieties each year and the Rose grower selects those sorts which fill a place in the Rose World. New colors, larger flowers, better habits of growth, a greater profusion of bloom, are all factors in the selective work.



Carrie Jacobs Bond

CARRIE JACOBS BOND (Patent applied for).

Deep in the heart of the coral-rose flower flames a fire, casting over the long, shadowed petals a warm, ruddy glow—a glow that fills the heart with comfort and cheer, like a lamp-light window where the road is lonesome and long. At times the satin pink petals are rippled and silvered, as the shimmering surf under the rays of the sun. The rugged bush supports the bright coral-rose flowers on long shaft-like stems high above the sea-green foliage. Not only are the flowers glorious in color and form—in their fragrance mingles the freshness of mountains and sea. At twilight, when you come to the end of a perfect day and the lights and shadows of dusk have fused into night, the lovely rose "Carrie Jacobs Bond" will bloom again in the garden of your dreams. \$1.50.

ALEZANE. See color page "S".

AMELIA EARHART. See color page "R".



Carol Howard

CAROL HOWARD. The flowers are bright, pure, glowing rose-pink, a most pleasing color that will win favor everywhere as a cut flower. The very large buds are long and pointed, opening to beautifully formed flowers with thick petals of fine substance. Even when full-open the flowers are very attractive, of peony form, pleasantly sweet-scented. The long smooth stems, with few thorns, are one of the many desirable qualities of this rose which place it at the head of the list of deep pink varieties. The bush is vigorous, erect with large, dark green foliage, and is continuously in bloom. \$1.00.

AVALON. The name is very descriptive of this novelty of 1936 in that it brings to mind the golden sunsets of our Santa Catalina Island off the coast of California. A sport of Duchess of Atholl it has the profuse blooming qualities, the perfectly shaped bud and open flower of its parent but in color it is a bright golden yellow heavily petaled and moderately fragrant. Glossy green foliage with a strong growing bush which is mildew resistant. An exquisite flower. \$1.00.

BETTER TIMES. See color page "R".

CARILLON (Patent No. 136). A bedding rose of great activity, giving at all times a note of cheer in the garden. The long pointed buds are orange scarlet, contrasting pleasingly with the green sepals. The half-open bloom is a deep coral overcast with orange and the full bloom is large, 4 inches in diameter, the inner petals being irregularly but artistically arranged. The bush is branching, so that when planted in mass, the whole bed is blanketed with glossy foliage upon which rest the many blooms. \$1.50.

CARMELITA. See color page "S".



Condesa de Sagtogo

CONDESA DE SASTAGO. Brilliantly Spanish in coloring this rose will stand out in any collection. The petals are pronouncedly two toned, deep golden on the outside of the petals, copper-rose and scarlet on the interior, in contrast and intensity much more pronounced than the coloring of Talisman. \$1.00.

COUNTESS VANDAL. See color page "R".

FRED WALKER (Patent Applied For).

A new color in Roses. The buds are a coral red, and as the blooms expand they develop a lovely shade of glowing pink, with coppery orange base. When fully open the flower is soft, old rose, flushed with gold. The blooms are large, full, and of good shape, with a faint "Tea" perfume. The stems are dark red, with few thorns and dark green foliage; mildew proof. In addition to the brilliant and pleasing tone of color, the extraordinary freedom and habit of growth is a special feature of this rose. \$2.00.

THE FRAGRANT PATH

By Louise Beebe Wilder

Every garden lover will be delighted with this enticing book of sweet-scented flowers and leaves, both in the garden and in the wild. The first part deals with the fragrant plants of various seasons in the garden, including roses, annuals, shrubs, vines, etc. Much of interesting garden lore is included, as well as Mrs. Wilder's own experience in growing these plants. Part two is a descriptive compilation of practically all known fragrant plants not dealt with in the first section.

Illustrated, 407 pages. \$3.00

GIPSY LASS. A most unusual type of rose which we enjoy offering because it is so unconventional. It forms a tall, rampant, untamed sort of bush which displays in great quantities large, very full informal flowers of dark crimson. It blooms with great abandon at all seasons, hot weather or cool, and has a most exotic perfume along with its other unusual qualities. \$1.00.

GLOAMING. See color page "S".

GOV. ALFRED E. SMITH (Plant Patent No. 62).

One of the best of the orange pink sorts. Large very double, well formed blossoms of a color combination having the effect of salmon and gold. Rounded in form and resembles a "bomb" peony. \$1.25.

HEINRICH WENDLAND. Here is a rose for those who like their colors strong. The buds are a deep reddish-maroon, and they open to a riotously colorful bloom of fiery scarlet and rich yellow in various shades and combinations which vary with the weather but which are never dimmed, even in the hottest sun. \$1.00.

HINRICH GAEDE. The flowers are crimson on an orange background and the general color effect is orange-scarlet or copper-orange. It has a rich honey-sweet fragrance, and the fairly double flowers are borne on long stems on a vigorous strong bush with excellent foliage. It rates among the best new roses. \$1.00.

LYDIA. Long pointed buds and moderately large, full, high-centered, perfectly shaped flowers of an orange-rose color. Of strong, clean, vigorous habit and free flowering; moderately fragrant. \$1.00.

MARY HART. See color page "R".

McGREDY'S TRIUMPH (Patent Applied For)

A real Triumph in color, size, form and plant. The large ovoid pointed bud, cerise over-shadowed with orange, opens slowly into a very large cup-formed bloom of a brilliant deep pink and cerise overlaid with amber, toning to a wide yellow center encircling a heavy tuft of yellow stamens. This rose is destined to march triumphantly for years to come. \$2.00.



Symphony

SYMPHONY (Plant Patent No. 79) Refreshing indeed is the soft flesh pink tone, deepening to Venetian pink at the center of this marvelous rose of huge size and substance. The flowers average five inches in diameter under good garden and weather conditions and the form of the bloom is perfect, resembling that of Frau Karl Druschki, which is one of its parents. The flower has ample petalage full and rounded, appearing cut from the finest silk of soft glow. The buds are of great length and are produced on extremely long, straight shoots. The plant is vigorous and upright, with rich, dark green leathery foliage. While in habit and formation Symphony resembles its parent plant, it blooms throughout the season. \$1.50.

NOVELTIES OF 1936

There are many exceptionally fine varieties that we are offering for the first time. The pick of the foremost Rose Specialist's introductions will be found on this and the preceding pages. We confidently offer them for your attention . . . knowing that a careful perusal of these pages will lead you to choose those varieties that best fit your own sense of the beautiful.

MRS. DUDLEY FULTON. This is technically a Polyantha, but actually it is a Hybrid in a class by itself. It was originated by the late Geo. C. Thomas, Jr., of Beverly Hills, and we consider it one of the finest and most valuable Rose novelties ever put on the market. The bush is covered during the spring, summer and fall with good-sized, single, silvery-white flowers which do not discolor, always dropping their petals cleanly before they fade, and they make the plant look like a small snowstorm. One of the most remarkable things about this Rose is the splendid evergreen foliage, which is always glossy as if varnished, and in California, at least, the foliage is just as attractive in the middle of winter as in the summer. Therefore, it makes a splendid flowering evergreen shrub. \$1.00.

NIGRETTE. See color page "S".

PRINCE FELIX (de Luxembourg) Well formed bloom rather large, of brilliant scarlet red. Tall, healthy plant of Radiance type. We are very much enthused over it as it seems destined to prove an outstanding red variety. \$1.00.

RHEINGOLD (Plant Patent No. 138) Lasting, fragrant, double, golden yellow. The flower is about the size of Claudius Pernet. Free blooming, the yellow flowers form a pleasant contrast with the rather large feathery, light green foliage. \$1.50.

ROCHESTER (Plant Patent No. 131). Seedling of Rev. F. Page Roberts and Echo. A lovely constant flowering bedder of the Roberts type of growth and form of bud and flower, with the Echo freedom of bloom. The color of the bud is like Roberts, with more pronounced carmine markings on the reverse of the petals, with more blush in the open flower. Foliage heavy and disease-resistant—growth vigorous. Always in bloom it is sure to be a great garden favorite. \$1.25.



Crown of Jewels

CROWN OF JEWELS (Patent Applied For). The plants are luxuriantly tapestried with rich, cloth-like foliage of deep jade-green. The coral flowers, torches of brilliant flame, of camellia size and camellia form are ruffled and rolled into coral mounds, round, smooth and clean. Under the light of a lamp the "Crown of Jewels" throws out beams and rays of gem-like beauty. Placed in the subdued light of a half darkened room, where the shades are drawn, the "Crown of Jewels" seems not the same Rose, but a celestial fantasy of rosy-lake, retaining only the camellia form. The "Crown of Jewels" will grow and thrive in any garden and every bloom will prove a living memory. \$1.00.

SIR HENRY SEGRAVE. Large, long, well shaped buds and very large, high-centered, sweet scented, double flowers of a deep lemon yellow shading deeper at base. Considered by many rosarians as the finest new rose in many years. \$1.00.

SOLEIL DE FRANCE. Long pointed buds of rich yellow; large, fairly double blooms with warm tints of orange and apricot, retaining the colors in all weather. Moderately fragrant. A prolific bloomer at all times. Glossy foliage and resistant to diseases. A first-class novelty of great future. \$1.25.

SOUVENIR (Plant Patent No. 25) "Yellow Talisman." A golden Talisman of great beauty with all the fine qualities of Talisman from which it is a sport. An exquisite bud opening to a full flower of a splendid golden yellow, suffused at times with a slight flush of pink. A large full flower, heavily petaled, an even better grower than Talisman. \$1.00.

SUSAN LOUISE. A rose hardly ever without bloom. Long, slender, pointed buds of deep pink opening to large semi-double clear pink flowers produced in great profusion. An extraordinary vigorous grower reminding one of its distinctive parent, Belle of Portugal. A rose that has proven remarkably satisfactory whenever tried. \$1.00.



Heidekind

HEIDEKIND (Plant Patent No. 78). A veritable bouquet of bloom from Spring until late Fall—literally hundreds of flowers in bloom at one time. The flowers are a distinct new type, beautifully formed and double, 2 to 4 inches across. They are borne in great clusters on long-branched sprays; the whole spray may be cut, forming in itself a lovely bouquet for floral decoration, or the individual flowers may be cut separately for table use—you will find no end of attractive ways to use these charming blossoms. The color of the buds is brilliant coppery rose; the flowers as they open are glowing bright rose, changing as they develop to clear rose-pink so that one spray of flowers contains a wonderful blend of pink and rose shades. \$1.00.

THE DESIGN OF SMALL PROPERTIES

By M. E. Bottomley

Here are 52 carefully designed plans, one or more of which will give you just the planting layout you want for your home. Each plan is fully described and explained so that you can easily modify it to fit any special conditions. A check list of nearly 600 plants showing the height, color, time of bloom, foliage, growing habit, soil requirements, etc., of each one shows you what to plant.

64 illustrations, 233 pages. \$2.50



Mrs. Mabel V. Socha

MRS. MABEL V. SOCHA (Patent Applied For) In color it is a pure, exquisite shade of lemon-yellow. The buds are of superb form, long and pointed, expanding into a flower of enormous size, well petaled and extremely fragrant. The fragrance is a most luscious tea odor, a qualification lacking in too many yellow Roses. \$1.00.

TEXAS CENTENNIAL (Patent Applied For) Among the numerous children of President Hoover (we mean the rose) this new sport bids fair to prove the most outstanding and has already been named to commemorate the great Texas Exposition being held this year. The same remarkably strong growth as Hoover, a profuse blooming variety and in color a rich luminous red without any other shadings. Really an excellent rose. \$1.00.

TOKEN (Plant Patent No. 95) Large Ophelia-shaped bud. The full, double flowers are a single-toned glowing orange—an unique color. It is a free bloomer and has an upright growth in the garden. The flowers are very lasting and are pleasing at all stages. The glossy foliage is disease-resistant. \$1.50.

WILLIAM MOORE (Patent Applied For). The color is a beautiful soft even-toned carmine pink, shading to a deeper pink as the blooms age. The flowers are very large, full, of perfect shape, with high pointed center, and very sweetly scented. The growth is vigorous, free, and upright, and the stiff stems are clothed with light green foliage, and few thorns; mildew proof. This variety has our strongest recommendation as a perfect exhibition Rose, good in all weathers. It is seen at its best as an established plant when it produces an abundance of blooms, of perfect formation and great beauty throughout the entire season. \$2.00.

YOSEMITE. See color page "S".



Yosemite

GERMAIN'S ROSES



Autumn

AUTUMN. Medium sized buds and cupped double flowers which, on account of their novel coloring, burnt orange streaked with red, have attracted much attention. The plant is of strong growth with healthy foliage, producing its moderately fragrant flowers freely. One of the best of the new introductions.

CONQUEROR. We have found this to be one of the finest yellow Roses we have ever seen. The large, beautifully shaped buds are saffron-yellow suffused with salmon, fading to paler yellow as the flower ages. Everybody likes a Rose that grows strong and vigorously without any coddling, and that's a description that fits Conqueror exactly.

DAINTY BESS. Large, single, five-petaled blooms, 3 to 4 inches across, come in clusters. The edges of the petals are ruffled. Their soft rose-pink color is enhanced by the cluster of stamens on wine-red filaments. Vigorous, upright plants all ways in bloom.

DR. HEINRICH LUMPE. You will find it one of the finest roses of its color that you have ever grown, with long, splendidly shaped buds of rich deep pink, and with crisp heavy petals which do not flop regardless of weather conditions. Long stiff stems for cutting, a vigorous bush, sweet fragrance, great large dark green leaves.

EDITOR McFARLAND. Its deep, unvarying rose-pink color is not outstanding, but because it is such a vigorous, husky grower, has such healthy looking foliage, and produces its well shaped lasting blooms so freely we recommend it as a most dependable variety.



Essence

ESSENCE. The long-sought double Etoile de Hollande. Bloom deep crimson full of "Essence" of Rose. Novelty of great future. Vigorous grower. One of the most fragrant of roses and perfect in form and color. 75c.

FLUFFY RUFFLES. A new Rose destined to great popularity as it is a variety that will keep the garden overflowing with glowing flowers the summer long. The flowers are produced on long, strong stems arranged in clusters composed of from 6 to 10 dainty blooms each. It is a charming Rose of a fascinating soft silvery pink color enhanced by the deep rose reverse of the petals.

INNOCENCE. This rose has an unusual attraction not possessed by most other roses. The great stiff-petalled flowers, 4 to 6 inches across, are single and pure white, but open from a lovely slender beautiful bud. This long ivory bud and the exquisite open flower with snowy-white petals and contrasting amber stamens, the delicious spicy scent like a mixture of cloves and cinnamon, all appeal very strongly to those who like something different, with an extraordinary charm not present in the more double roses of ordinary type.

IRISH CHARM. This rose of Irish origin is indeed charming. The buds are perfectly formed, deep blush-pink, tinted apricot. The flowers are large and beautifully shaped; the bushes vigorous and free flowering. Be sure to include this splendid rose in your collection.

JOSEPH STRNAD. The name isn't a misprint. It's just a Bohemian name and that is the correct spelling. A European rose that has met with great favor. Long pointed buds of a distinctive salmon pink shade. Vigorous and free-blooming with glossy green foliage.



Souvenir (See Page 77)

KIDWAI. A lovely color combination in delicate pastel colors. Large, full, exquisitely shaped buds of pale yellow, tinted with terra-cotta, beautiful in coloring from the time the bud appears until the last petal drops. We like it because of its dainty coloring, its big substantial buds, and long keeping quality. The bush is strong, medium height, somewhat spreading.

LENI NEUSS. One of the longest buds in existence, deep pink with an orange flush to the base, open to mammoth, loose flowers of Radiance color—deep pink outside and pale pink inside; cinnamon scent.

Germain's "1935 ROSE COLLECTION"

In this assortment we have included most of the 1935 novelties pictured or described on these pages. We believe you will derive lasting satisfaction in planting the newer kinds. For providing beauty in the garden or home they are unsurpassed.

The collection consists of:

AUTUMN
ESSENCE
JOSEPH STRNAD
LENI NEUSS
SISTER THERESE

DOTTY
GRENOBLE
MAX KRAUSE
ROMANCE
SUNKIST

Regular Value - \$7.50

Collection Price: \$5.95, postpaid

All Roses on this page are
75c each, \$6.50 for 10, Postpaid



Dotty

DOTTY. Coloring of the bud strongly recalls Rev. F. Page Roberts, while the bronze tint remains in the open yellow bloom. A splendid grower with glossy foliage. An unusually healthy bush that blooms profusely over a long period. The bronze yellow color is one of the most beautiful yet obtained in roses.

LI BURES. A lovely and unusual rose from Spain, remarkable for its continually changing colorings. The bud is maroon-red, and as the flower opens, bright shades of pink, orange and yellow become visible, and when fully open, the outer petals are usually bright pink and the center salmon-orange. Looks like a President Hoover; many additional shadings.

LILIAN. Large, double blooms of excellent form. Marechal-Niel-yellow in color and delicately perfumed. An ideal bedding rose that will undoubtedly prove very popular.

LOUISE KRAUSE. A glistening yellow with orange tints; large, full, and fragrant. We consider it one of the best acquisitions of recent years. Long stems for cutting. Handsome, strong foliage.



E. G. Hill (See Page 80)

ROSES, by F. F. Rockwell

A book that tells what the average flower lover can do with roses. Varieties are classified according to their uses as garden, climbing and landscape roses, with complete directions for rose care and culture. \$1.25.

LATE INTRODUCTIONS

All Roses on this page are
75c each, \$6.50 for 10, Postpaid



Sister Therese

One of the Finest of the New Roses

SISTER THERESE. Its long-pointed buds are chrome-yellow, heavily marked with carmine; the open flower is rich daffodil-yellow and holds its color well. Sweetbriar fragrance. The blooms come freely on splendid cutting stems. A splendid keeper and has very good foliage. Really an outstanding variety.

LULU. Great quantities of dainty, extremely long and slender buds of coral-apricot, with which the bush is covered at all times. There is not a rose more exquisitely formed in the bud stage than Lulu. An astonishingly large percentage of rose lovers will put Lulu at the very top of their list of roses.

An Introduction of Great Merit

MAX KRAUSE. Probably the most yellow Rose of the year for outdoor use—a gold that stays gold. Long bud and cup-formed bloom of great substance freely borne on a long stem. Foliage leathery and very resistant to Rose troubles. One of the few roses we have seen that retains its color through the blooming period.



Mrs. Pierre S. Du Pont (See Page 81)

LANDSCAPING THE HOME GROUNDS

By L. W. Ramsey

Step by step, with photographs and plans that make each point clear, this new book shows just how to develop your home grounds for greatest beauty. Each of the 175 illustrations tells a story. \$2.00.

McGREDYS IVORY (Portadown Ivory).

This variety is creamy ivory white, remarkably lovely and delicate in texture, which turns to a very clear white as it opens. The buds are just about as perfect as roses can be and the flowers possess a light damask perfume.

MRS. SAM McGREDY. Distinct in color from anything as yet seen in roses, being a wonderful and beautiful combination of shades of scarlet, coppery-orange and heavily flushed on the outside of petals with Lincoln-red. The effect is rich and dazzling. Large flowers perfectly formed, very freely produced and fragrant. Vigorous in growth and one of the best all purpose varieties.

NIGHT. One of the darkest of all roses, deep crimson shaded black and maroon. The buds and flowers are well shaped, quite double, and it has the spicy clove and cinnamon fragrance that you can imagine would be wafted on the balmy airs of a tropical night. Like most dark roses, the flowers are at their best in cooler weather.

PEACH BLOSSOM. This variety spreads out close to the ground until it becomes about 4 feet across, forming a much-branched, compact plant not more than 2 feet high. Most of the time it is a mass of flowers, being literally covered with clusters of little light rose-pink blooms, each bud and flower perfect in its way; quite double, and extremely fragrant, the color resembling that of a splendid Flowering Peach.



Cl. Mermaid (See Page 82)

PICTURE. A rose that is a picture. Every bud perfectly formed and with a cheerful glowing shade of light rose-pink without other shading. Has a sweet fragrance, and the plant is well above the average in growth and vigor.

Germain's "NOVELTY COLLECTION"

A remarkably fine assortment of exquisite roses, one that includes a splendid variation of color. All are profuse blooming, and will provide a plentiful supply of blossoms for cutting.

LI BURES NIGHT
RED HOOVER LOUISE KRAUSE
MRS. SAM McGREDY
SOUV. DE MME. CHAMBARD

Regular price if purchased separately
\$4.50

Collection price

\$3.95 postpaid

Full descriptions will be found on these pages.



Grenoble

GRENOBLE. The citizens of Grenoble, France, thought enough of this red Rose to ask the originator, Charles Malerin, to name it for their city. The plant is very vigorous and the blooms come on unusually long stems, making it one of the best garden Roses for cutting. The buds are crimson, but the open flower is brilliant red, almost scarlet, and a bed of Grenoble stands out like a fire. It is fully double and of large size. Easily one of the best reds.

RED HOOVER. A sport from the rose President Hoover that combines all the good points of the parent, but an entirely different shade. The color is a beautiful bright red equally satisfactory in the bud or open flower. Remarkably free flowering and among the most vigorous growers of all hybrid tea roses. Long, pointed buds and large open flowers that are delightfully fragrant.

An Improved Pernet

ROMANCE. A rose that combines the good features of the popular Souvenir de Claudius Pernet but is a decided improvement in that the bad features of the latter are eliminated. A striking shade of yellow with long, pointed bud of exquisite shape and large double fragrant flower. Vigorous in habit, blooming frequently over a long period.

SUNKIST. The long, beautifully shaped buds and full, open flowers have a predominating color of glorious deep orange-yellow with varying tints of copper, buff, and bronzy pink. The flowers are sweetly fragrant and keep in splendid condition for three or four days after cutting, this long-keeping quality making this lovely rose a very desirable one for cut flowers.



Souv. de Mme. C. Chambard

SOUV. DE MME. CHAMBARD. There just does not seem to be the right kind of words in the dictionary to describe this lovely Rose. It was chosen as the most beautiful Rose of France in 1932. The buds are large, long-pointed, and coral in color; they slowly unfold to a coral-pink flower developing a satiny peach tint and sheen which is about the loveliest finish we have ever seen on a rose petal. Its fragrance is simply delicious.

GERMAIN'S ROSES



Caledonia

CALEDONIA. Large, very long pointed buds with the edges gracefully rolled back; flowers very large and double, slightly fragrant and borne singly on long stems. Color, slightly lemon tinted, changing to a pure white as the flowers develop.



Charles P. Kilham

CHARLES P. KILHAM. The buds are long pointed of perfect shape, opening to perfectly formed full double flowers of a rich and brilliant Oriental red, flushed with orange and scarlet.



Dame Edith Helen

DAME EDITH HELEN. Pure, glowing rose-pink, soft yet brilliant, with no other shade. A magnificent variety that stands out alone in almost any company. Strongly sweet-scented, lasting, and fine cut subjects individually or massed.

AMERICAN BEAUTY. One of the best for the hot interior sections of the Western United States. Throws especially fine, large blossoms during early fall and spring. Fragrant.

ANGELE PERNET. A rose that attracts immediate attention. A vivid orange-yellow, shaded fiery deep red-lush apricot. It is a good grower, producing a long bud opening to a moderately full, beautiful, sweet scented flower.

BETTY UPRICHARD. Buds are coppery red and as the flower expands the outside of the petals are orange carmine, inside a delicate salmon pink; flowers are sweet scented and semi-double.

BLACK PRINCE. Intensely dark crimson, approaching black. Flower cup shaped, large and full, an old favorite. Bush is extremely hardy. Fragrant.

CECILE BRUNNER. This is the popular Baby Pink or "Sweetheart" Rose. It makes a handsome miniature rose, coming in sprays of three to five buds. Color, blush, shaded light salmon-pink; distinct and desirable.

CONSTANCE. Deep orange-yellow, splashed and streaked crimson. Medium sized flowers. A steady bloomer.

DUCHESS OF WELLINGTON. Saffron yellow low stained crimson. As the flower ages it becomes a deep saffron yellow. Blooms fairly full, buds pointed, very free flowering.

E. G. HILL. The flower is scarlet, shading to a deeper pure red as it develops. It produces long stems naturally and the foliage develops freely. See page 78.

ELDORADO (Land of Gold). In this we have flowers of distinct formation, vigorous growth, and free-flowering habit; fragrance; a splendid golden yellow.

ETOILE DE HOLLAND. Brilliant red blooms of large size, perfect in the half open state, petals extremely large, a rose that holds its color well and is comparable with the best red roses grown.

FEU JOSEPH LOOYMANS. (See color page.)

FRAU KARL DRUSCHKI OR WHITE AMERICAN BEAUTY. An ideal hardy rose, pure white in color. A remarkably vigorous grower. Free flowering.

GEN. McARTHUR. One of the most popular and freest blooming of all red garden roses. Color is a bright rosy crimson.

GEORGE ELGER OR YELLOW CECILE BRUNNER. A counterpart of the popular salmon pink Cecile Brunner only the color is a clear lemon yellow.

GLORIA MUNDI. A "Baby" rose that is a most striking orange scarlet, the most brilliant orange-scarlet imaginable. The flowers are well-formed, full double and borne in many flowered graceful clusters.

GOLDEN DAWN. A magnificent Rose of Australian origin. An ideal garden Rose of great merit of an exquisite light lemon yellow color.

Among the Best

GOLDEN EMBLEM. Golden yellow in color, having a crimson stripe on outer petals, with high pointed center; tea perfume. Growth free and branching with splendid constitution, deep glossy green foliage, stout stalks and mildew-proof.

HADLEY. A rich glorious red shading to velvety purple. Flowers exceedingly fragrant. Buds are high and pointed. A rose that should be in every collection.

Don't Miss This "Red"

HOOSIER BEAUTY. A dark rich velvety crimson of even color. Produces long stems. Flower is double and pointed. Sweetly scented.

IMPERIAL POTENTATE. Exquisite in bud and developing into large, very double, substantial flowers, very prolific and delightfully tea-scented. The color is a pleasing shade of deep, clear rose pink.

IRISH ELEGANS. A beautiful single rose of fine form, long and pointed. Color bronzy-orange to pink, shaded to apricot. An excellent rose for corsages.

J. OTTO THILOW. We consider this one of the best roses of its color—rich glowing rose-pink and probably about the most perfect form of any pink.

The varieties listed and described on this and the following page are the novelties of previous years that have proven their merit, together with the older sorts that still hold their own with the new intro-

All Roses on this page are 50c each; \$5.00 per dozen, postpaid.

GERMAIN'S "PICTURE COLLECTION"

Includes the eight varieties pictured on these two pages

Duchess of Atholl - Dame Edith Helen
Edith Nellie Perkins - Olympiad
Joanna Hill - Caledonia
Lady Forteviot - Charles P. Kilham
Regular Value, \$4.00
Collection price, \$3.25 postpaid

JULES GAUJARD. Distinct and beautiful, the large, well-formed double flowers are cochineal crimson which pass to a pretty shade of orange-rose.

KAISERIN AUGUSTE VICTORIA. A free, healthy grower, with splendid foliage and superb buds. Pure white, occasionally tinted with cream at the center of the open flowers.

KILLARNEY DOUBLE WHITE. This is a beautiful sport of Killarney with lovely pure white blooms of moderate fragrance.

LADY HILLINGDON. Slender, pointed buds and elegantly cupped flowers of deep saffron-yellow.

LADY MARGARET STEWART. A rose of unique and distinct color, the flowers in the young stage are a deep sunflower yellow heavily veined and splashed with orange-scarlet.

LORD CHARLEMONT (See color Page "T").

A World-Famous Rose

LOS ANGELES. A world-renowned "Gold Medal" variety. Originated in Los Angeles, this superb rose has created a sensation wherever grown and should be in every garden. Its color is a rich flame pink shading to apricot and yellow.

LOUISE BRESLAU. (See color page "T").

LUCIE MARIE. Very long pointed buds, deep yellow splashed with red. As the outer petals unfold, the inner face is yellow with coppery venation.

MARGARET McGREDY (See color page "T").

McGREDY'S SCARLET. A splendid garden Rose. The finely formed bud is dull red and opens slowly into a magnificent, very large bloom of rose red.

MISS ROWENA THOM (See color page "T").

MADAME BUTTERFLY. Light salmon with light yellow shadings, a perfect gem. Foliage leathery, stems strong, a fine variety for cut flower.



Duchess of Atholl

DUCHESS OF ATHOLL. The coloring of this variety is uncommon and delightful, an old golden orange flushed with peach pink, particularly attractive in the bud and open state.

AMERICA'S BEST

ductions. Nevertheless year after year some varieties are discarded to make room for the newer roses that show a decided improvement over them.

All Roses on this page are 50c each;
\$5.00 per dozen, postpaid.

GERMAIN'S "HARMONY COLLECTION"

Includes eight varieties that blend perfectly in color.

Etoile De Holland - Mrs. E. P. Thom
Feu Joseph Looymans - Talisman
Kaiserin Victoria - Mrs. L. Swisher
Los Angeles - Miss Rowena Thom
Regular value, \$4.00
Collection Price, \$3.25 Postpaid

MME. EDOUARD HERRIOT. The famous Daily Mail Rose. Buds coral red shaded with yellow at the base. Open flowers of a superb coral red.

MME. HENRI QUEUILLE. This splendid rose is excellent for its large full flowers, strong, vigorous, healthy growth and freedom of flowering. In color it is a pretty shrimp or coral pink.

MME. JULES BOUCHE. The ideal white bedding rose. Buds of good size, long pointed; flowers full double, very lasting, moderately fragrant, white, center tinted blush, on long stems.

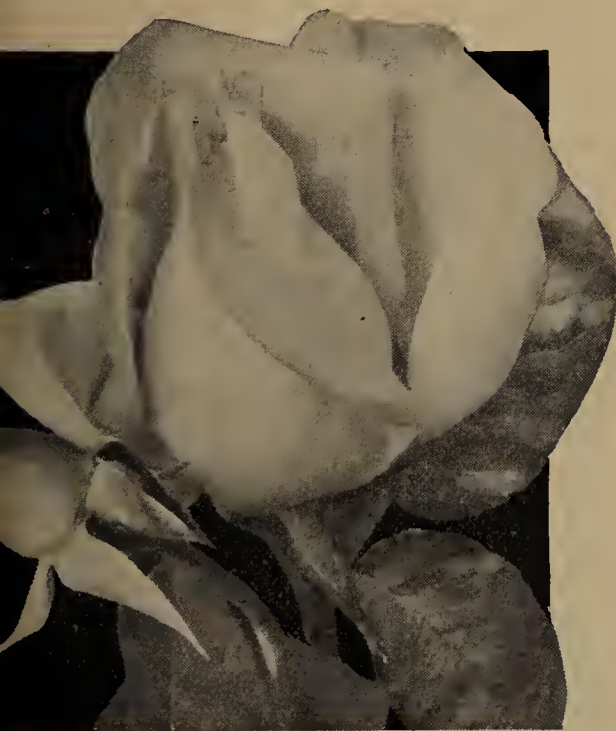
MME. NICOLAS AUSSEL. In color a bright coppery red in the very long, shapely tapering bud that develops into a large full double flower of an exquisite opalescent salmon pink.

MRS. A. R. BARRACLOUGH. One of the finest Roses yet introduced. We have in this variety a most distinct and valuable addition, of a bright but soft sparkling carmine-pink of even tone.

MRS. AARON WARD. There is no more exquisite coloring and shape in roses than in the soft tawny golden yellow buds of this old favorite variety.

The Best Yellow

MRS. ERSKINE PEMBROKE THOM. The best yellow bedding rose we have today. It is of clean healthy vigorous growth with abundant dark bronzy disease-resisting foliage. A continuous free bloomer throughout the season. Full double flowers of deep yellow.



Edith Nellie Perkins

EDITH NELLIE PERKINS. The buds are long and pointed, the outside of the petals are of cream and blush shaded with orange at the base, the inner face is salmon-pink with golden-orange base.

MRS. G. A. VAN ROSSEM. A marvelously beautiful Rose with a unique color combination not found in any other variety, a most striking blending of dark vivid orange and apricot on a golden yellow ground.

MRS. HENRY BOWLES. A very large, firm ovoid bud of warm glowing pink, opening to big full flowers. Because of its good clear color, good substance and freedom of bloom, we place it among the best pink roses.

A Perfect Rose

MRS. JOHN BELL. A vivid brilliant shade of cochineal-carmine with large, long-pointed bud and full double, cupped, moderately fragrant flower. Vigorous free flowering habit. One of the finest roses grown.

MRS. LOVELL SWISHER. A California rose of unusual merit. The color of the buds is a deep coppery salmon at the base, merging to salmon pink at the tips. As the flower expands the color deepens to a coppery tinge toward the center. They are delightfully tea-scented.

MRS. PIERRE S. DU PONT. Medium sized long-pointed bud of a reddish gold opening to a semi-double, cupped, very lasting fragrant flower of a deep golden yellow. See page 79.

PADRE. An exquisite variety in a color that is distinct from any other. It is a beautiful shade of coppery orange crimson.

PATIENCE. The color is difficult to describe but in general, is scarlet-carmine, varying at times to orange-scarlet and carmine. Provides an amazing quantity of wonderful buds for cutting.

PRESIDENT HOOVER (See color Page "T").

RADIANCE. Brilliant rose-pink buds, opening to well-formed shining flowers with lighter tints on the reverse of the petals; globular in shape and very fragrant.

RED RADIANCE. An even better rose in habit than its parent, Radiance, bearing big, globular flowers of deep rose-red.

REV. F. PAGE ROBERTS. A rose of remarkable form and color. Long pointed buds of coppery red and yellow, opening to fragrant flowers of golden yellow.

ROSE MARIE. The buds are long and pointed, the petals large and well-rounded. The color is a delightful pure rose pink.

ROSLYN. One of the outstanding newer yellow roses; brilliant golden yellow on long rigid stems. Fragrant.

SCHWABENLAND. The flowers are large, over five inches in diameter, of great depth, with high spiral center. In color it is a luminous rich rose pink.

SOUVENIR DE CLAUDIUS PERNET. Both bud and bloom are clear sunflower-yellow, unstained by any other color. An old favorite.

SUNBURST. A beautiful yellow suffused with orange at the center, buds and developed flowers of good form, sweet scented.

A Great Rose

TALISMAN. The Rose of Many Gold Medals. A combination of shadings of gold, apricot, yellow and deep pink or old-rose. The outside of the petals is bright yellow, gold, and pink; as the flower develops and the petals unfold they become bright apricot, gold and deep rose-pink.

VATERLAND. A most distinct dark colored variety, a rich deep velvety scarlet maroon and a splendidly formed high centered flower of remarkable keeping qualities.

VILLE DE PARIS. An excellent deep yellow—a distinct sunflower color—and a decided improvement on Pernet.

WILHELM KODES. A rich capucine red with coppery suffusion overlaying a golden-salmon ground, always beautiful and particularly high colored early in the season and in the autumn.

WILLIAM F. DREER. The flowers are similar in shape to Los Angeles, and in color silvery pink shading into golden yellow.



Joanna Hill

JOANNA HILL. Large buds and blooms that are high pointed. Color is a delicate shade of golden yellow, deepening toward the center to a warm apricot tinge. Fragrant and free flowering and especially fine for cutting.



Lady Forteviot

LADY FORTEVIOT. Large buds opening to artistic moderately-double, well-lasting flowers of delightful fruity fragrance and pleasing color—orange on the inner face with a bright canary-yellow base and the back of the petals paler and inclined to apricot.



Olympiad

OLYMPIAD. The color is a lustrous oriental scarlet, its depth and warmth accentuated by a bright golden base. This richness is further intensified by a marvelous velvety sheen that renders the flower exceedingly effective, especially in artificial light.



CL. President Hoover

CL. PRESIDENT HOOVER. The vigorous growing qualities of the bush roses told us that before very long we would have a climbing form of this excellent rose. 75c.



CL. Rose Marie

CL. ROSE MARIE. Like its bedding parent this is a splendid rose. Large, full, double flowers with strong fragrance and unusual lasting qualities, a deeper pink than the bush form. 50c.



CL. Talisman

CL. TALISMAN. The same glorious bud with exquisite combination of colors of yellow, pink, scarlet, apricot, and old rose; the identical flower which has created a sensation in the rose world. 75c.

GERMAIN'S

Climbing Roses

In the following list are to be found roses of all types, but the Ever-blooming varieties predominate. It is a splendid assortment offering a wide range of colors and includes several new and very worthwhile introductions besides a large number that have been heretofore sold at considerably higher prices. In purchasing roses it is well to remember that these are all of number one grade, two years old, field grown stock and we offer them as the best to be had.

CL. AMERICAN BEAUTY. A strong healthy vigorous grower, frequently making shoots from 10 to 12 feet long. In color same as bush form. 50c.

CL. BELLE OF PORTUGAL. A variety exceeding in beauty anything heretofore attained. Very vigorous grower, giving immense crops of bloom. Beautiful pearl pink. 50c.

Two New Roses from Australia

BILLY BOILER. This magnificent red Rose is quite different from the usual run. It sends up many long willowy stems from the base of the plant to a height of four or five feet, and at the tip of each branch on great long stems for cutting are immense double flowers of a most intense shade of rich scarlet, with maroon shadings. 75c.

BLACK BOY. A recent climber from Australia which is one of the finest red climbing roses. The blooms are large, double, very fragrant, deep velvety crimson, shaded blackish maroon and scarlet. A tall rampant climber and the blooms are excellent for cutting. 50c.

BLAZE. See color page "R".

CL. CECILE BRUNNER. One of the strongest growing roses. Bright pink. A most popular climber. 50c.

CL. CHARLES P. KILHAM. A very lasting and brilliant carmine-scarlet flower in a vigorous profuse blooming climber. 75c.

CL. CLARA BOW. This variety is a true climbing sport of Golden Emblem. It is a true deep yellow. 50c.

CL. DAME EDITH HELEN. Dame Edith Helen is one of the most popular pink bush Roses, and this climbing variety produces flowers which are exactly like those on the bush. 50c.

CL. DUCHESS OF ATHOLL. A very worthwhile addition to the list of climbers with its unusual color of old golden orange flushed with pink. 75c.

Two 1936 Novelties

CL. ETOILE DE HOLLANDE. Anyone who knows the bush rose will be pleased to know of this novelty of 1936. One of the best dark red roses in a rampant climbing form. \$1.00.

CL. FEU JOSEPH LOOYMANS. The exquisite shade of tangerine apricot is reproduced in this excellent climber which we believe will prove even more popular than the bush. An outstanding novelty of the year. See color page "T" \$1.00.

CL. GEN. McARTHUR. Bright crimson; notable for its fragrance. It blooms persistently, fine in autumn. 50c.

GOLDEN CLIMBER (Mrs. Arthur Curtiss James. Plant Patent No. 28). The most interesting feature of this new golden yellow climber is that its extreme hardiness is combined with blooms of Hybrid Tea type and quality. \$1.50.

CL. HADLEY. The well-known rose in a climbing form. Deep velvety-crimson, double, and well formed. 50c.

CL. HOOSIER BEAUTY. The climbing form of the popular bush variety. Torch-like blooms of vivid red, opening from glowing slender buds. 50c.

CL. KAISERIN VICTORIA. Plants bloom throughout the season and the lovely white flowers are magnificent. 50c.

CL. LADY HILLINGDON. Identical with the bush variety. Long pointed buds of deep yellow, very free blooming. 50c.

CL. LOS ANGELES. The ever popular bush Los Angeles in a climbing form with the same extreme beauty of its well-formed flowers, alike attractive in bud and bloom, shades of salmon-pink, apricot and orange. 50c.

CL. LOUISE CATHERINE BRESLAU. All your favorite bush varieties are climbers also now. The same multi-colored rose of orange, pink, yellow and copper. 50c.

MARECHAL NEIL. This superb old lemon yellow Tea Rose with its large globular, highly perfumed blooms, still remains deservedly popular. 75c.

One of the Best

CL. MERMAID. Exquisitely beautiful single flowers of great size, pale sulphury yellow with a gold center. It blooms steadily throughout the season at the tips of the new growth. The glossy foliage is handsome and the beauty of its flowers will fascinate you. 75c. See page 79.

CL. MME. EDOUARD HERRIOT. Replica, except in being a climber of the noted bush rose of this name. Medium-sized semi-double flowers of a bright rosy-scarlet passing to prawn-red, with shadings of coral-red and yellow toward the base. Like a mass of living fire on a trellis. 50c.

CL. MRS. AARON WARD. On first opening, it is rich, golden fawn, but changes to a soft golden yellow. Fine for cutting and corsages. 50c.

A Wonderful Variety

CL. MRS. E. P. THOM. The exact duplicate of the bush form considered by most rosarians to be the finest yellow rose grown. Profuse blooming, excellent for cutting, and a rampant climber. 75c.

CL. MRS. G. A. VAN ROSSEM. One of the most colorful of all bush Roses is Mrs. G. A. Van Rossem, with its intensely orange flowers veined with bronze. The flowers of this climbing sport are even brighter, bigger, and longer stemmed. 75c.

CL. MRS. LOVELL SWISHER. We are confident that it will attain the popularity of the bush form. Identical in every way as to color, form, etc., but a vigorous climber and a profuse bloomer. 75c.

PAUL'S SCARLET CLIMBER. The flowers, a vivid scarlet, are of good size, semi-double, very freely produced in clusters of from 3 to 20 flowers each on much branched canes, the plants being literally covered from top to bottom with bloom. 50c.

CL. PRINCESS VON ORANGE. (Plant Patent No. 106.) The same startling orange scarlet flowers as Gloria Mundi of which this new variety is a sport. \$1.25.

CL. RADIANCE. Just as satisfactory a rose in every way as the popular bush variety. 50c.

CL. RED RADIANCE. Blooms profusely over a long season. Flowers are perfect in shape and color exactly like the bush rose of the same name. 50c.

Another Beautiful Australian Rose

SCORCHER. One of the newer Australian roses, with glowing vermilion-red, semi-double flowers produced abundantly throughout the season. Brilliantly effective as a pillar rose or on a fence. 75c.

CL. SOUV. DE CLAUDIUS PERNET. An exact counterpart of the bush "Claudius Pernet." 50c.

CL. SUNBURST. A true Sunburst of vigorous climbing habit. An entrancing rose of exquisite color—brilliant orange yellow. 50c.

GERMAIN'S CHRYSANTHEMUMS

The Chrysanthemum covers such a wide range of colors, types and sizes, produces such a wealth of bloom that it is easily the "Queen of Autumn." From the large Japanese type, through the Anemone-flowered, Feathery Class, and Pompons one finds almost any desirable form or color for the fall garden. All our plants are propagated from strong soft wood cuttings and established in 2½-inch pots. We do not advise planting too early as they are inclined to become hard and woody long before flowering season begins. "Mum" plants are not ready until April 15th. Please add 10% of the amount of the order for postage if ordered shipped by parcel post.



Apollo

KOREAN HYBRIDS

In a class by themselves are these new early flowering chrysanthemums. Rightly called the "Aristocrats of the Fall Garden" they offer color, charm, abundance, and ease of culture that would be very hard to duplicate with any other flower. These new creations suggest the Gerbera in type and color without the loss of chrysanthemum characteristics. They prove very valuable as cut flowers for miniature decorations or cut with their entire branching sprays, offering hundreds of blossoms on a single branching stem.

- APOLLO. Bronze, red, and gold.
 CERES. Chamois-yellow and coppery gold.
 DAPHNE. Lovely Daphne-pink.
 MARS. Deep amaranth-red.
 MERCURY. Coppery bronze and red.
 35c each; \$3.50 dozen

JAPANESE VARIETIES—LARGE FLOWERING

In this classification are found the very large flowered varieties, those grown commercially and in the garden for size. In order to obtain the maximum size disbudding must be practiced, otherwise they grow into large flowers spray-like in form.

Price of any of the Large-Flowering Japanese Types
 20c each, \$2.00 dozen, \$15.00 per 100

Yellow

- CITRONELLE. Citron yellow with high center. Blooms late October.
 DOLLY DIMPLE. Light yellow reflex. A very popular variety.
 GOLDEN CELEBRATION. A fine Thanksgiving yellow.
 GOLDEN GLORY. Deep golden yellow. Matures in mid-season.
 MRS. H. E. KIDDER. Bright early yellow. Large flower. Strong stemmed.

Bronze

- GLADYS PEARSON. Upper petals apricot, reverse buff. Strong grower.
 GLENVIEW BRONZE. Deep reddish bronze. November.
 HILDA H. BERGEN. Deep mahogany bronze incurve. Perfect flower.
 INDIANOLA. Early large-flowered bronze with old gold.
 NAGIRROC. Deep glowing orange bronze.

Red

- GARNET KING. Color garnet with bluish black shadings.
 HARVARD. Dark crimson reflex.
 MRS. HENRY EVANS. Resembles a huge red Dahlia.
 J. W. POOK. Terra cotta incurve with bronze reverse.
 SMITH'S BRILLIANT. Fine early reflex red. Excellent stem and foliage.

Pink

- HELEN FRICK. Late deep pink incurve.
 J. W. PRINCE. Dark pink incurve of real merit.
 MRS. ALEX LAURIE. Incurved light pink. Perfect stem and foliage.
 PINK TURNER. Popular pink easily grown. October 15th.
 ROSE DAY. Very large and fine pink.

White

- BETSY ROSS. Pure white of perfect incurve form. Early November.
 DECEMBER BEAUTY. White with light pink shadings at center.
 WHITE CHIEF. Fine white incurve of good form. Late October.
 WM. TURNER. Huge incurved flower of purest white.
 QUAKER MAID. A glistening white incurve. One of the best earlies.

Special Japanese Collection

- Citronelle—Yellow with high center.
 Golden Glory—Deep golden yellow.
 Glenview Bronze—Dark reddish bronze.
 Harvard—Dark crimson.
 Rose Day—Large bright pink.
 December Beauty—White, light pink center.
 The six varieties \$1.00, postpaid

Hardy Varieties Collection

- Graf Von Oriola—Lavender pink.
 Lavender Feather—Deep lavender.
 Golden Mensa—Golden yellow.
 Sylvia Slade—Garnet with white.
 Mary Pickford—Pure white button.
 New York—Bronze pompon.
 The six varieties 75c, postpaid

Rose Day



Lavender Feather

HARDY VARIETIES

In these classes are found the smaller flowered varieties including pompons, anemone-flowered, etc., which are among the most popular for garden decoration and cutting purposes. The dainty blooms are borne in spray-like masses in such great profusion that they very often cover the foliage.

Anemone Flowered Types

- GRAF VON ORIOLA. Lavender pink.
 STOPLIGHT. Crimson terra-cotta petals with bright yellow cushion.
 SUNSHINE. Brilliant golden-yellow.
 WAKANDA. The ray petals are a reddish bronze, center golden yellow.
 20c Each; \$2.00 Dozen.

Feathery and Quilled Types

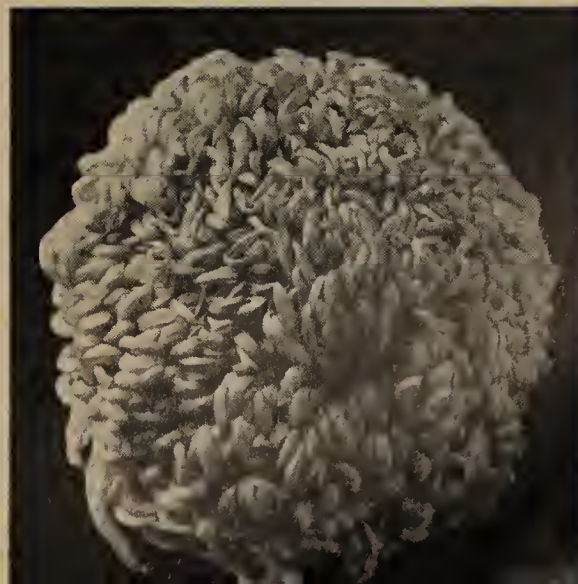
- JIU JITSU. Pure white, quilled effect.
 LAVENDER FEATHER. Stunning deep lavender. Very prolific.
 RED SPIDER. Large spidery type in a rich magenta shade.
 YELLOW TAGGART. Golden yellow with quilled petals.
 20c Each; \$2.00 Dozen.

Single Types

- CURLY LOCKS. Beautiful pink.
 GOLDEN MENSA. Bright golden yellow.
 SYLVIA SLADE. Garnet with white band around center.
 20c Each; \$2.00 Dozen.

Pompon Types

- BOKHARA. Combines the tints of red, rose, and bronze of Autumn leaves.
 CORA PECK BUHL. Deepest in color of all the yellows.
 ETHEL. Bright red, gorgeous in color.
 FRANCIS HUCKVALE. Gardenia white.
 MARY PICKFORD. Of most perfect form. Button type. Pure white.
 NEW YORK. Splendid bronze pompon.
 NUBIAN. Early bright chestnut bronze.
 PINK DOT. Blush white with pink dot.
 SONOMA. Bronze with golden reverse and gold tipped petals.
 15c Each; \$1.50 Dozen; \$12.00 per 100



THE BEAUTIFUL In Germain's



Rialgar

RIALGAR. A fine richly colored variegata. S. clear buttercup yellow, F. buttercup yellow heavily striped bronze, flaring. 24-inch. 20c; 3 for 40c.

ABBREVIATIONS AND DEFINITIONS

S.—STANDARDS—the upstanding petals.
F.—FALLS—the three lower petals.
BICOLOR—Standards of one shade and falls of another.
BLEND—A suffusion of several colors.
PLICATA—A light colored Iris the edges of which are dotted or lined with a deeper color.
SELF—The color is uniform throughout.
VARIEGATA—Yellow standards and reddish brown falls.



Loreley

LORELEY. S. honey yellow; F. ultramarine blue with cream border. Beautifully contrasted and very showy. 24-inch. 15c; 3 for 30c.

ALAMEDA. A large white plicata with both standards and falls heavily suffused blue violet. A profuse bloomer and a rapid multiplier. 35c, 3 for \$1.00.

ALCAZAR. S. mauve; F. dark purple. The bronze and yellow at its center add beauty to this vigorous well branched variety. 36-inch. 15c, 3 for 30c.

ALTA CALIFORNIA. This fine new iris has completely justified all lavish predictions. It still remains supreme as the most worthwhile tall yellow iris. Alta California forms one of the most compelling of all the plantings in our garden. Totally distinct from even the newest yellows. Clear yellow, faintly bronzed, with stems superbly branched. Blooms of good size, and texture so firm that neither rain nor sun mar the stately blossoms. 48" \$2.50.

AMBASSADEUR. It is a gigantic flower of rich coloring, perfect form, good texture, on stout erect stems. There is a blending of colors that makes any description inadequate. It is a dark blend, but placed where the sun's rays show through it, the effect is rich ruby red. Late. 20c; 3 for 40c.

ANN PAGE. A lovely pale lavender blue self of fine form, good substance and delicious perfume. Stems stout and well branched. 36-inch. 20c; 3 for 40c.

BRUNO. A seedling on the order of Ambassadeur. S. bronze, tinted and lightened with lavender shading and yellow at the base; F. deep rich purple of unusual size and quality, having velvety texture. Fragrant. 33-inch. 35c.

CLARIDAD. A beautiful clear lavender blue of great purity, good substance and pleasing garden effect. 20c; 3 for 40c.

CONQUISTADOR. The size and height make it an outstanding feature in any garden. Flowers are very large and a beautiful shade of deep mauve. 40-inch. 15c; 3 for 40c.

CRIMSON KING. A variety that is very popular—color a vivid shade of crimson purple. Blooms several times each year. 24-inch. 15c; 3 for 30c.

CRUSADER. Fine large flowers of clearest blue violet. Early, tall, of excellent texture, free flowering. 15c; 3 for 40c.

DAY DREAM. One of the most beautifully colored of all blends. Standards of pale iridescent lilac, faintly suffused bronze yellow. Beard and reticulations of yellow, and falls of lilac pink. 75c.

DAUNTLESS. One of the very reddest of iris, producing a most effective clump in the garden. Color a velvety rose red. Very luminous and one of the best in its color class. \$1.00.

DEPUTE NOMBLLOT. This magnificent iris is acclaimed by experts from America, France, and England as Cayeux' outstanding achievement. It is an imposing giant of greatest vigor, strong foliage, with a stout firm spike over four feet. Well branched. Blooms enormous, with wide spreading falls. Color light glowing rosy-purple overlaid a bronzy gold. Deep orange beard. \$1.00.

DILKUSH. A hybrid of Iberica X Pallida. Fine rounded flowers, with standards heavily veined. Color deep reddish purple. 35c.

DOLLY MADISON. The pale pinkish mauve standards, shading yellow at the base are very broad arching and cupped. The broad flaring falls are lilac with the haft tinged gold. Intense red-orange beard. Growth vigorous. 30-inch. 35c; 3 for 70c.

DREAM. A very lovely crinkled rose pink self color with orange beard. Perfect form, excellent substance, long-blooming. An orchid-like flower. 15c; 3 for 30c.

"E" YELLOW. Deep buttercup yellow. Good substance. Low growing. One of the clearest of the yellow shades showing a distinct improvement over older varieties. Suitable for rock gardens, borders, or mass planting, 15c; 3 for 30c.

ENDYMION. A lovely warm buff blend with orange beard. Fragrant. 20c; 3 for 40c.

FORTUNA. The clear amber yellow standards are 2½ inches across and the falls a slightly lighter shade. 40c; 3 for \$1.

FRA ANGELICO. S. hazel and honey yellow, very cupped and erect. F. honey yellow overlaid and suffused with palest lavender. Rich golden style branches. 25c; 3 for 50c.

See also color pages "L" and "M." Please write us if interested in varieties not listed. We grow many others.

GEORGIA. Soft Cattleya rose, excellent substance. Early. Beautiful "pink" in mass effect. 30-inch. 25c, 3 for 50c.

GRACE STURTEVANT. S. dark red bronze with rich velvety falls that are still darker, being almost black at the tip. Deep orange beard. 60c; 3 for \$1.50.

HELIOS. Large new yellow iris of fine form and finish. S. pure lemon and beautifully formed. F. same color with very delicate light brown and clear purplish-rose reticulations almost invisible when flower is opened. Beard golden yellow. \$1.00.

HIDALGO. A very large lavender self of unusually broad shape, tall and upstanding. Shows as a beautiful orchid pink under electric light. 48-inch. 25c; 3 for 50c.

IBPALL. As the name indicates, this beautiful hybrid is derived from Iberica and Pallida and the rounded shape and veining of the deep red violet flowers show the oncocyclis parent. 35c, 3 for 70c.

IRIS KING. This variety is also listed as King of Iris which indeed it is; S. golden yellow; F. velvety garnet, edges yellow. 15c; 3 for 30c.

J. J. DEAN. A beautiful variety that has large flowers and is a tall grower. The coloring is very vivid. S. light violet; F. velvety royal purple. 36-inch. 15c; 3 for 30c.

KING TUT. A very bright and outstanding note of color is given by this combination of yellowish brown standards, Hessian brown falls, golden beard. 50c.

LORD WOLSELEY. (Beardless). A fine blue type. Blooms on very tall, wiry stems. 40c; 3 for \$1.00.

LOUIS BEL. S. very dark satiny pansy violet. F. splendid deep blackish violet purple. 35c; 3 for \$1.00.

LYCAENA. White standards with rich purple falls with paler margin. 27-inch. 20c; 3 for 40c.

MAGENTA. This supersedes Edouard Michel as a fine red violet self of satiny texture. Plant near Crusader for interesting color grouping. 35c; 3 for 70c.

MAGNIFICA. A huge flower. S. light violet blue; F. red violet. A grand variety and a vigorous grower. Early. 40-inch. 15c; 3 for 30c.



True Delight

TRUE DELIGHT. A very lovely white plicata with rose colored venation and style arms. Free flowering. One of the finest of the White Iris. Excellent in a mass planting. 36-inch, 15c; 3 for 30c.

IRIS AS GROWN

Iris Gardens

All Iris prices are postpaid and with the exception of a few sorts are available for immediate shipment.

MARY GIBSON. Tall light bronzy rose blend. Makes fine color note when planted in mass. Aw. Mer. R. H. S. 25c; 3 for 50c.

MME. CECILE BOUSCANT. A clear self tone of light orchid pink that is absolutely unique. An exquisitely lovely iris. 35c; 3 for 70c.

MME. CHERI. One of the finest blended tones, being a violet pink with a yellow undertone. At a distance the effect is rich pink. 15c; 3 for 30c.

MME. DURRAND. An iris that is in a class by itself. Color iridescent buff, flushed with lilac and amber. The flowers have a glistening silky texture. 48-inch. 40c; 3 for \$1.00.

MONNIERI. (Beardless). Very tall with long slender leaves. Flowers large and of deep golden yellow. A fine variety for cutting. The requirements for this variety are almost opposite from those of the bearded irises, in that it does best in moist rich soils. Blooms after the bearded irises. 35c; 3 for 70c.

MORNING SPLENDOR. Deep rich large red violet. Fragrant. 36-inch. 25c; 3 for 50c.

PADRE. The blending of yellow and lavender in the standards, the flush of blue on the fine rosy purple falls, and the glow from the amber beard and style arms give this large flower of noble form a quality which ranks it high. 35c; 3 for 70c.

PLUIE D'OR. A tall, pure rich yellow with glistening golden buds and striking yellow beard. Widely and symmetrically branched stems carry an abundance of canary-colored flowers. Cert. Merit., S. N. H. F. and the W. R. Dykes medal in 1928, for the finest new iris of the year. 36-inch. 50c.

PURISSIMA. It is going to be very hard to improve on this seedling for a pure white of great size, fine form and heavy substance, this last a most important factor in white irises. These qualities, with its vigor and its tall branched stems account for the rating of 96 given it. 50c; 3 for \$1.00.



Sir Michael

SIR MICHAEL. Considered by many the finest blue bicolor, this handsome tall upstanding iris makes one of the most colorful masses in the garden. The bluish lavender standards rise airily above the rich red purple falls. 50c.

RAYO DE SOL. The Spanish word for sun-beam was given this seedling because of its bright yellow color. Its flowers, 4 inches high and 3½ broad, are lemon chrome, a bright clear yellow. 36-inch. 40c; 3 for \$1.00.

REDWING. A big bronzy red very like Allies in color, but much larger and taller. Very much admired in our garden. 40c; 3 for \$1.00.

RUBEO. A magnificent plant with huge flowers beautifully poised on strong stems 48" high. It begins to branch half way up the stem, sending out good wide branches. The standards are deep glistening rose, the broad thick textured falls are of deep maroon. \$2.50.

SACRAMENTO. This new giant plicata, though related to San Francisco and of comparable size and habit, is absolutely distinct from anything previously introduced. Its large flowers have a white ground, the standards heavily edged red purple, the falls reticulated with the same color. The prominent orange beard, unusual in plicatas, lights up the flowers in a most attractive way. 75c; 3 for \$1.50.

SAN DIEGO. This derivation of Gaudichau and El Capitan is identical in color with the former and in size and shape with the latter. Its immense blooms are of deep velvety blue-purple. Stems 46-inch. 50c.

SAN FRANCISCO. Tall stems, branching low and wide like a candelabrum, carry large white flowers, of which both standards and falls are distinctly edged lavender. In size, shape and substance, there is nothing to approach it among the older plicatas, only the color pattern tells us it should be classed with them. Awarded Dykes Memorial Medal as best American introduction of 1927. Similar to Los Angeles but with wider blue edging. 50c.

SAN GABRIEL. A very large pinkish lavender of high excellence adding to its other merits the virtue of being early and long blooming. Branching, and very graceful. 48-inch. Fragrant. 15c; 3 for 30c.

SAN LUIS REY. Imagine an Opera with better shaped flowers nearly twice as large on beautifully branched stems half as tall again, and you have San Luis Rey. The flowers are of beautifully rounded form, set off by a golden beard and a yellow center. 25c.

SANTA BARBARA. This is the finest of the pure lavender blues. The size, substance, spreading horizontal falls, well branched stalks and the vigor of growth entitle this beautiful iris to be rated with the highest. 25c; 3 for 50c.

SEMINOLE. A brilliant velvety light red purple with a conspicuous orange beard. 30-inch. 15c; 3 for 30c.

SENSATION. A beautiful self-colored aniline-blue of great poise and elegance. The substance is heavy, the standards beautifully arched, the falls flaring and the stems tall and sturdy. Fragrant. Late. \$1.00.

SHASTA. This new white of different parentage than Purissima is also entirely distinct in style and effect and well worthy of being named for California's great white-capped mountain. 35c; 3 for 70c.

SOUV. DE LOETITIA MICHAUD. Very large flowers of fine texture. The color is lobelia blue, shading lighter at the edges. Fragrant. 35c.

SOUV. DE MME. GAUDICHAU. S. Bradley's violet; F. brilliant blackish purple. An unusually dark velvety bicolor of fine shape and substance. 15c; 3 for 30c.

STYLOSA (Beardless). (Winter Blooming). Plants are low growing with long grasslike foliage. Flowers deep sky-blue with orange tongue, very fragrant. 20c; 3 for 40c.

SUNBEAM. A rich deep canary yellow self, standards and falls being identical in tone and without markings. The form is very round and the flowers abundant. Very early. 25c; 3 for 50c.

TALISMAN. One of the finest small iris grown. A blend of apricot, yellow, and pinkish shades that is most unusual. Standards yellow with rosy pink veining at tips. Falls rosy lavender pink with yellow reticulations. Golden haft. 20-inch. \$1.00.



William Mohr

WILLIAM MOHR. A wonderful hybrid from Parisiana X gatesii. The ground color is pale lilac, standards flushed darker, the whole flower beautifully veined violet; a very large flower. 50c.

TENEBRAE. S. purple, tinged maroon-purple in the center. F. rich velvety black purple. Fragrant. 36-inch. 15c; 3 for 30c.

YELLOW MOON. An amber yellow of fine form and substance on stout erect stems, very free flowering. 36-inch. 15c; 3 for 30c.

YOLANDE. F. velvety pansy blue. Very large beautifully formed flowers of heavy substance. Excellent for mass effect. 15c; 3 for 30c.



Ochroleuca

OCHROLEUCA (Beardless). A tall growing variety which is one of the most glorious of irises. The blooms are creamy white with a golden yellow center. 15c; 3 for 30c.



Anemone Japonica

ANEMONE JAPONICA

One of the late summer's most treasured flowers. Tall, stately plants bearing large buttercup shape flowers of white or shades of pink, in single or double types. Needs shade or semi-shade to do well.

Queen Charlotte—Semi-double pink.
 Rubra Flora Pleno—Double rosy red.
 September Charm—Single silvery pink.
 Whirlwind—Double white.
 Hupehensis—The miniature early flowering Japanese Anemone growing 12 to 18 inches high. Mauve rose flowers in great profusion.

30c each; \$3.00 per dozen.

ACANTHUS

MOLLIS. The large deeply toothed foliage of this plant is always interesting. Its slate colored flowers contrasted with the dark green foliage make it an outstanding plant in any shady situation. 30c each; \$3.00 per dozen.

ACHILLEA

Very useful rockery plants or for perennial borders. Splendid for cutting purposes.
 Ptarmica—Double white flowers.
 Millefolium Roseum—Dense heads of small deep pink flowers.
 Tomentosum—Low growing dense-headed with yellow flowers.
 Any of the above 3 for 40c; \$1.50 per dozen.

AGAPANTHUS

BLUE AFRICAN LILY. (Lily of the Nile). Bearing clusters of bright blue flowers on stout stalks, similar to the Amaryllis in appearance and culture. Does well in partial shade. Also can supply the white variety. Strong divisions 25c each; \$2.50 per dozen.

AJUGA

REPTANS. The best ground cover where grass cannot be grown because of too much shade. Spreads by runners much like the strawberry. Deep blue flowers in early spring. Potted plants 3 for 30c; \$1.00 per dozen; flats of 100, \$2.50 per flat. Flats shipped via express only.

ALSTROMERIA

CHILIENSIS OR PERUVIAN LILY. Here is a subject that should be in every garden. It blooms continuously from May to September. Buttercup yellow streaked with brown. 8 to 10 blossoms are borne on each spike. 35c each; \$3.50 per dozen.

COLUMBINE (Aquilegia)

Few flowers equal this favorite for general garden purposes.
LONG SPURRED HYBRIDS. Distinctly improved flowers that bloom profusely over the airy, attractive foliage. 3 for 40c; \$1.50 dozen.

GERMAINS' PREFERRED

ALL ITEMS ON THIS PAGE ARE F.O.B. LOS ANGELES, CARRYING CHARGES EXTRA

PERENNIAL ASTERS

Perennial asters offer a wide range of heights, types and colors. They are indispensable for the perennial border. Should be planted in masses for the best effects.

Dwarf Hardy Border Asters

Developed to fill a long needed want for a late flowering low growing plant of mass effect to use on the graves of English soldiers in France. They are unusually attractive. Growing one foot or less in height and nearly smothered with flowers at a time of year when flowers are scarce in many gardens they no doubt will enjoy much popularity in Southern California.

Countess of Dudley—Charming clear pink, with yellow eye.
 Lady Henry Maddocks—Clear pale pink, free flowering.

Marjorie—Bright rose pink, large-flowered.
 Nancy—Pale flesh pink, free-flowering.

Ronald—Lilac-pink with rose pink buds.

Snowsprite—Semi-double white.

Victor—Clear pale lavender blue.

Try them in your rock garden or border.

30c each; \$3.00 per dozen.

Aster Frikarti

The sensational new large-flowered perennial aster. In bloom from late spring until midwinter with clear lavender blue flowers, yellow centered. Very valuable as a cut flower. Strong plants 50c each; \$5.00 per dozen.

Aster Lutea

The yellow flowered perennial aster. The small flowers are borne in sizeable clusters of a rich golden yellow. Grows about 3 feet tall. 35c each; \$3.50 per dozen.

Aster Blue Boy

Low growing, dense clustered, dark blue, form of much interest. Considered by many the best low growing blue. 35c each; \$3.50 per dozen.

Asters—Michaelmas Daisies

CLIMAX. Lavender blue; grows to a height of 3 to 4 feet. One of the largest flowering.

MAUVE CUSHION. Entirely distinct, forms a low cushion-like plant 2½ feet across. Flowers are delicate mauve.

ROSEUM. Similar to Climax in form, grows to a height of 3 feet. Flowers deep rose pink, very showy.

WHITE CLIMAX. Pure white, grows to a height of 3 to 4 feet.

Price: Any of the above in Field Divisions at 3 for 40c; \$1.50 per dozen.



Aster Frikarti



Dianthus Beatrix

CANTERBURY BELLS

One of the grandest of old-time favorites. These beautiful and effective hardy biennials reach a height of 3 feet and are covered with large bell-shaped flowers during spring and summer. 3 for 40c; \$1.50 dozen.

CANNAS

AMBASSADEUR. Appropriately referred to as the "Bronze Leaved President"; a wonderfully vigorous free-flowering brilliant cherry red. 5 feet.

CARMINE BEAUTY. Bright red carmine flowers produced freely in large trusses above dark foliage. 4 feet.

COPPER GIANT. An immense flower on a very vigorous plant, color madder-red suffused with rose. 4 feet.

ENCHANTRESS. Unapproached in quality or beauty. Color a delicate old rose passing to salmon as the flower ages.

HUNGARIA. An ideal pink bedder, flowers large in good sized trusses produced very freely, color a beautiful rose.

KING HUMBERT. Perhaps the most widely grown of all cannas. The orange flowers surmount beautiful foliage.

LA FRANCE. A beautiful shade of La France rose with a touch of cream.

LOUIS CAYEUX. Giant flowered variety with blooms of coral-red deepening to rosy-scarlet, giving a two-tone effect.

METEOR. The rich crimson-red flowers form immense trusses of great beauty. They are borne well above the foliage and are produced in the greatest profusion.

PRESIDENT. The greatest red canna. It is neither a crimson nor a scarlet, but a glowing pure red which colorists call vermilion. Green leaves. 4½ feet.

QUEEN HELENE (Yellow King Humbert). Immense flowers of a rich golden-yellow spotted with vermilion. Green leaves.

SAN DIEGO. A true orange without red suffusion. Bronze leaves.

Price of the above: 3 for 40c; \$1.50 doz.

COLEUS

We carry a very wide range of foliage, colors, and markings from which our mixed offering is selected. The following named varieties are outstanding.

Christmas Gem—Velvety red-maroon edge of gold.

Color of Autumn—Vivid autumn tints at their best.

Old Gold—Bronze and gold shadings.

Pride of the West—Carmine, maroon and olive green.

Verschaffelties. Rich crimson.

3 for 40c; \$1.50 per dozen.

DIANTHUS

BEATRIX. A compact border or bedding perennial growing from six to eight inches tall. The accompanying illustration shows the dense clustering habit of the flowers. The foliage is dark green and the flowers are very fragrant. Available in

SALMON PINK **ROSE RED**
SNOW WHITE (New this year)
 3 for 40c \$1.50 per dozen

PERENNIAL PLANTS

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Erigeron

ERIGERON SPECIOSUS SEMPERVIRENS.

An improved variety of speciosus that continues to flower over about a nine month period. A superb cut flower of long lasting quality and grace that make it much prized by every flower enthusiast. Flowers a rosy lavender with a contrasting yellow center. 25c each; \$2.50 dozen.

CARNATIONS

Carnations Are Ready for Shipment
About February 1st

You have only to mention the word carnation to be asked if you have seen some of the new sensational creations. We offer three of them this year.

ROBERT ALLWOOD. "The Premier Carnation," having won the highest awards possible. Immense four-inch flowers of vivid scarlet with high, full centers. A very quick and strong growing carnation with erect stems and a calyx that never bursts.

WIVENSFIELD CLARET IMPROVED. Undoubtedly the best Claret variety. Large even flowers and rigid stems. A seedling improvement over Wivensfield Claret, being deeper in color and larger flowered.

DIMITY. Worthy of a place in any collection. White ground flaked deep claret, more heavily towards the edge of the petal.

The three varieties above described,
50c each; \$5.00 dozen.

AMIGO. Rosy coral deeply ingrained with madder lake.

CANDLELIGHT. Wax-like petals of heavy yellow coloring and flame streaked.

HARVEST MOON. Fiery orange well carried on the stem.

VENTURA GOLD. Remarkable yellow gold in color.
25c each; \$2.50 per dozen.

MELROSE. A very definite rose pink.

RADIOLITE. Rich glowing scarlet.

VIVIAN. Medium shade of pink.

WHITE CAMEO. Fine white.

3 for 50c; \$2.00 per dozen.

DELPHINIUMS (Hardy Larkspur)

BELLADONNA. The freest blooming of all. The turquoise blue of its flowers is unequalled for delicacy and beauty. 3 for 40c; \$1.50 dozen.

BELLAMOSUM. This is a dark blue form of the popular light blue Belladonna. 3 for 40c; \$1.50 dozen.

ENGLISH HYBRIDS. Our strain includes a variety of glorious shades of blue from the palest sky-blue through the intermediates to the darkest blue colors. For a mass effect of blue there is nothing to equal this strain of Delphinium. 25c each; \$2.50 dozen.

CONVOLVULUS MAURITANICUS

A very valuable blue flowered grey foliaged rockery or border plant. 3 for 40c; \$1.50 per dozen.

DIANTHUS

SWEET WIVENSFIELD. Much like the Sweet William only the flowers are larger and have a wider range of color. 3 for 40c; \$1.50 per dozen.

NAPOLEON III. A lovely long stemmed, very double cherry red flowered "Pink" that is constantly in bloom. 3 for 50c; \$1.75 per dozen.

SUPERBUS. A handsome lacinated species. Very fragrant and unusual enough for any garden. 3 for 50c; \$1.75 per dozen.

DIGITALIS (Foxglove)

Hardy, handsome plants with stems 4 feet, covered with flowers ranging from pure white to deep rose together with crimson, and other shades. 15c each; \$1.50 dozen.

EXACIUM

AFFINE. Gardenia perfumed, a single plant scenting the entire room. Dainty five petalled blue flowers with conspicuous yellow stamens, freely produced. Also suitable for bedding in the spring or summer.

25c each; \$2.50 per dozen.

GAILLARDIA (Blanket Flower)

GAILLARDIA BURGUNDY. A new introduction. A decided improvement on the older type in that the color is a clear maroon red without the yellow tips. 3 for 40c; \$1.50 dozen.

GAZANIA

PAVONIA HYBRIDS. The largest flowered and most vivid colored gazania that we have ever seen. Flowers nearly all with two rows of petals in yellows and bronze yellows almost impossible to adequately describe.

35c each; \$3.50 per dozen.

GERBERAS (See Color Page)



Delphinium English Hybrids



Maxime Kovalesky

GERANIUMS

The enormous strides and improvements in this flower in recent years and the advent of our Spanish houses and gardens have made the Geranium exceedingly worth while for use in beds, borders, ornamental pots and many other ways.

Improved Singles

GERTRUDE PEARSON. One of the finest of all pink Geraniums. Pure rose-pink with large white eye.

JACQUERIE. Probably the finest dark-crimson single Geranium.

MARGUERITE DE LAYRE. Pure white. We consider this variety the best white single.

MAXIME KOVALESKY. An unusual color and easily one of the most striking extant for bedding—the nearest approach to orange to be found in Geraniums.

MRS. E. G. HILL. An exquisite shade of soft, light salmon; does not fade.

LACADRE. A new French variety that is among the most popular. Bright red with distinct eye.

PAUL CRAMPBEL. Generally recognized as one of the best scarlets.

Doubles and Semi-doubles

ALPHONSE RICARD. Handsome, perfectly formed semi-double flowers of bright orange-scarlet.

BEAUTE POITEVINE. Semi-double. A most dependable variety, one that can be relied upon to freely produce its lovely rose salmon-pink flowers.

MONS. EMILE DAVID. A most unusual color. The very large flowers are mauve-rose, lightly feathered white.

RED WHORL. Something entirely distinct in a geranium. The petals of the flower are quite numerous, narrow and twisted at the ends, giving the effect the name indicates. 35c each; \$3.50 dozen.

S. A. NUTT. The darkest red geranium of all; rich deep velvety crimson.

Fancy-Leaved

BRONZE BEAUTY. An exquisite plant. Bronze foliage, zoned and variegated with contrasting colors.

MME. LANGUTH. Silver white leaves and cherry-red flowers.

Ivy-Leaved

This is the trailing or creeping geranium especially suited for covering banks, hill-sides, parkings, in window boxes, etc.

CHARLES TURNER. The best known Ivy Geranium and the most useful for all around purposes. Deep, bright rose-pink with flowers of large size.

ETINCELANT. Intense orange-scarlet flowers of extra large size.

All Geraniums except Red Whorl are 3 for 40c; \$1.50 dozen.

GEUM (Avens)

An extremely showy border plant growing about 15-in. to 18-in. high and producing bright colored flowers in great profusion.

MRS. BRADSHAW. Bright scarlet. Excellent for rockeries, bedding, and cut flowers.

LADY STRATHEDEN. A rich golden yellow. Either variety. 3 for 40c; \$1.50 dozen.

BORISII. A continuous flowering vivid orange-red geum suitable for rockery or border. Very brilliant in color and neat in appearance. 25c each; \$2.50 dozen.

GERMAIN'S PREFERRED

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LIATRIS

PYCNOSTACHYA. This beautiful perennial is perhaps better known as Gay Feather or Blazing Star. Flowers in rosy purple spikes. Field divisions, 25c each; \$2.50 dozen.

LISIANTHUS

RUSSELLIANUS. One of the showiest of pale purple flowers. Cup shaped with a darker purple center and contrasting yellow stamens. Grey foliaged and very free flowering.

35c each; \$3.50 per dozen.

MARGUERITE OR PARIS DAISY

Splendid for the perennial border, or as borders along driveways, etc. Available in white or yellow. 3 for 40c; \$1.50 per dozen.

NEPETA

Very useful border or rockery plant of vigorous growing habit. Grey foliaged with blue flowers in abundance. Does very well in hot, dry situations.

MUSSINI. Trailing habit.

NUDA. Upright habit.

3 for 40c; \$1.50 per dozen.

PILEA

MUSCOSA. "Artillery Plant". A half succulent plant of fern-like appearance suitable for any shaded location or as a potted plant. 25c each, \$2.50 dozen.

PENTSTEMON

SOUTHGATE GEM. One of the very desirable perennials for the garden. Foxglove-shaped flowers in shades of red and pink on strong, sturdy eighteen-inch stems and flowering nine months of the year. 3 for 40c; \$1.50 per dozen.

HETEROPHYLLUS. A low growing pentstemon suitable for rockery or border with purple flowers of much character. 25c each; \$2.50 per dozen.

PETUNIA

NEW DOUBLE PEONY FLOWERED. We honestly believe our strain of these petunias to be the finest anywhere; colors include white, lavender, various shades of pink, red, purple, etc. 25c each; \$2.50 dozen.

GIANT RUFFLED. A new strain with beautifully ruffled and fringed flowers and open well-marked throats. Especially valuable for its compact and upright growth. 3 for 40c; \$1.50 dozen.

PHYSOSTEGIA VIRGINIANA. A hardy herbaceous perennial of easiest culture, yet occupying a very desirable place in the list of choice plants because of its flowering at a time when so many gardens are short of color in late summer. This variety offered is a shade darker rose in color than the type. 25c each; \$2.50 dozen.



Lisianthus



Pentstemon

PELARGONIUMS.

(Martha Washington Geraniums)

MISS EDITH CAVELL. Delicate soft-pink, with large, deep velvety maroon blotches bordered gorgeous crimson.

MRS. E. H. CHILDS. Deep rosy-pink, uniform throughout. A splendid kind.

MRS. KRUMB. Pale, soft-rose; upper petals blotched deep purplish-red.

OLYMPE. A giant white variety, remarkably free-blooming.

POINSETTIA HENRIETTA ECKE

(Double Poinsettia)

One of the marvels of the plant world. Huge double poinsettia flowers borne in profusion. May be grown as a house plant or out of doors where it may grow eight to ten feet tall. 40c.

PRIMULA (Primrose)

Primroses have long been considered among the most charming of shade-loving plants and we offer some of the better spring flowering sorts.

AURICULA. Distinct in coloring, ranging from coppers and bronzes through pink, lavender, violet and bright yellow. In mixed colors only.

FLORIBUNDA. A delightful yellow flowered variety.

KEWENSIS. A bright yellow variety growing to 18 inches high.

POLYANTHUS. Large clusters of bright colored flowers of red, blue, yellow, and rose. In mixture only.

25c each; \$2.50 per dozen.



Hemerocallis

HEMEROCALLIS (Day Lilies)

Beautiful hardy perennials belonging to the lily order, with long, narrow leaves and yellow or orange flowers, many of which possess a delicious fragrance.

New Introductions

Below we are offering six new Hybrid Hemerocallis of great merit. There is no doubt in our minds that when they become cheaper they will replace old sorts.

BAY STATE. Brilliant and glistening deep yellow flowers on 4-foot stem. In full bloom about June 28th.

GYPSY. Brilliant deep orange flowers on 3-foot slender stem. In full bloom July 5th.

J. A. CRAWFORD. Rich apricot-yellow shaded light cadmium. Many flowers on 4-foot stems; at their best about June 25th. A lovely plant.

LEMONA. Delicate and pale lemon-yellow flower on 4½-foot stems. Blooms are at their best July 1st. One of the finest large blooms, much like a Japanese Iris.

MRS. W. H. WYMAN. Lovely light pale lemon-yellow flowers on 4-foot stems. In full bloom August 1st. Very free-flowering and lasts a long time.

THE GEM. Rich, deep orange-yellow flowers on 3½ to 4-foot stems. In full bloom June 20th. Very finely formed bloom, equal to the best Lilies.

Any of the above new varieties in strong divisions, 50c each.

Standard Sorts

AURANTIACA. A strong growing and free-flowering variety, producing rich orange-yellow flowers in summer. 2 ft.

FLAVA. (Lemon Lily). Sweet scented, clear full yellow; 2½ feet, flowers in June.

FLORHAM. A strong grower, 2 to 3½ feet high, large trumpet-shaped flowers; golden yellow, with Indian yellow.

FULVA. (Brown Day Lily). Coppery orange, shaded crimson. 3 feet. July.

KWANSO. Large, double-flowered variety with rich golden bronze. July.

THUNBERGI. Much like Flava, but flowers in July, a month later. Spikes 3 to 3½ feet tall, and pale yellow blossoms.

Any of the above 3 for 50c; \$1.75 dozen.

One each of the six varieties for \$1.00 postpaid.

HELIOTROPE

BLACK BEAUTY. An old time favorite but in a new dress. Dark foliage, so dark it carries a sheen like dark steel with the darkest purple flowers you have ever seen. Fragrant, of course. 50c.

PERENNIAL PLANTS

ALL ITEMS ON THIS PAGE ARE F.O.B. LOS ANGELES, CARRYING CHARGES EXTRA



Sutera Grandiflora

PERENNIAL PHLOX

Phlox are gorgeous in color, extremely effective in the garden, exquisitely fragrant and easily grown. Our plants are strong field divisions that will bloom continuously throughout the summer and fall.

B. COMTE. A pretty shade of purple overlaid with crimson with a very dark eye. An excellent variety.

BRIDESMAID. A pure white phlox with a distinct crimson eye.

ECLAIREUR. One of the newer colors in phlox. Brilliant rosy-magenta with lighter halo.

F. A. BUCHNER. Intermediate in height and nearly pure white in color.

GEN. VON DIEDEM. Brilliant and beautiful; rich dark salmon scarlet.

LEO SCHLAGETER. Light carmine-scarlet with orange reflex. Bears immense heads of large florets.

GOLIATH. An unusually large bright orange-scarlet.

LA VAGUE. Large trusses of a delicate shade of soft pink.

MRS. JENKINS. One of the oldest of the phlox family and still one of the best and probably the most popular of pure whites.

OBERGARTNER REICHENAU. Bright rose colored flowers, extra large in size. Strong, compact grower. Very desirable.

RYNSTROM. A superb shade of dark salmon rose.

SELMA. Clear, bright rose with a distinct carmine-crimson eye.

Collection of one of each for \$2.50. 3 for 50c; \$1.75 per dozen.

REHMANNIA

ANGULATA. A practical, popular perennial that is winning new friends every day. Bright rose flowers spotted gold and brown in the throat, and on stems suitable for cutting. Grows in either full sun or semi-shade. 3 for 30c; \$1.00 per dozen.

SAXIFRAGA

CRASSIFOLEA. Leathery green foliage with contrasting large head of clear pink flowers in midwinter in frostless sections gives this plant an advantage over many other shade-loving plants. 25c each; \$2.50 per dozen.

SCABIOSA

CAUCASICA. Soft lavender blue, especially esteemed for cutting.

ISAAC HOUSE GIANT HYBRIDS. A wonderful new strain. Flowers exceptionally large. Beautiful shades of lavender.

PINK ENCHANTRESS. This lovely pink shade is something entirely new in a perennial Scabiosa. The flowers two or three inches across are like the caucasica type.

Any of the above, 3 for 40c; \$1.50 dozen.

SUTERA

GRANDIFLORA. We are very proud to be able to offer this much publicized plant that is causing such a sensation among the plant-minded public. A low growing shrubby perennial about two-foot high, with sage-like foliage, covered with clusters of beautifully formed blossoms of delicate blue-lavender.

35c each; \$3.50 per dozen.

THALICTRUM

DIPTEROCARPUM. Tall growing yet one of the daintiest of shade-loving plants. Violet mauve-colored flowers with bright yellow stamens borne on four-to five-foot stems. Columbine-like leaves add to its attractiveness. 25c each; \$2.50 per dozen.

TRITOMAS

Their large torch-like spikes of bloom, reaching up to 6 feet, and fine, grassy foliage, makes them conspicuous in the garden. They associate well with the various grasses, cannas, etc., and do splendidly at pools.

CHRYSANTHA. Bright lemon-yellow.

HENRY A. DREER. An extremely large-flowered, bright orange.

PFITZERII. A constant-blooming variety. Orange scarlet.

TORCHLIGHT. A new introduction bearing torch-like flowers on tall stately stems. Beautiful.

Any of the above, 3 for 50c; \$1.75 dozen.

SUCCULENTS

ALOE VARIEGATA. (Partridge Breast Aloe) One of the choicest of succulents. The plant itself is very interesting in form and the white dots scattered over the green of the leaves make it quite unusual. Even the flower carries more interest than the average succulent. 35c each; \$3.50 dozen.

ALOE HUMULIS. One of the better aloes for pot growing. Gray foliage. 3 for 40c; \$1.50 dozen.

KALANCHOE GLOBULIFERA COCCINEA. Bright red clusters of flowers equal to any pot subject. 25c each.

SEDUM GUATAMALENSI. Tubular foliage tipped bright red in winter. 3 for 40c; \$1.50 dozen.

CACTI

OPUNTIA MICRODASYS (Bunny Ear Cactus). Good house plant. 3 for 40c; \$1.50 dozen.

CEREUS HILDMANNIANUS. Columnar plants of a blue green cast. 25c each.

EPIPHYLLUM ACKERMANN. The popular hanging basket and pot cactus that carries such large red flowers. 50c each.

PLANT BARGAIN NO. 27B

Collection of 3 cacti and 4 succulents, at (postpaid)..... **\$1.25**

Aloe Variegata



Double Shasta Daisy

SHASTA DAISIES

NEW DOUBLE. Unique in type, outstanding in character. This wonderful new perennial characterized by petals, a clear clean white in color with a contrasting yellow center. Attractive in foliage; free flowering. 25c each; \$2.50 dozen.

GLOIRE DE VITRY. Immense white single flowers in abundance on long strong stems. 3 for 40c; \$1.50 dozen.

VERBENA

A garden favorite. The plants offered are all grown from cuttings and therefore are true to color, size and type.

BEAUTY OF OXFORD—Clear pink.

BLUE TRIUMPH—Fragrant and the nearest to blue yet obtained.

CRIMSON KING—Bright red.

EVA WILLMONT—Deep rose pink.

SNOW WHITE—Pure white.

3 for 40c; \$1.50 dozen.

VERONICA

REPENS. One of the best carpeting plants available with its well matted stems bearing green foliage and short spikes of vivid blue in the early spring. 15c each; \$1.50 dozen.

VIOLET (Viola Odorata)

PRINCESS OF WALES. Large and with good stems several inches in length. Succeed best in partial shade. 3 for 40c; \$1.50 dozen.

GOVERNOR HERRICK. A comparatively recent introduction. Light blue and fragrant with the distinct advantage of growing satisfactorily in full sun. Potted plants, 3 for 40c; \$1.50 dozen.

VITTADINIA

TRILOBA. Dainty daisy-like flowers of white turning pink as they age. 3 for 40c.

HERBS

The old fashioned garden herbs have come back into popularity. The following varieties are all perennials:

CATNIP (Nepeta Cateria)

CHIVES (Allium Savitum)

SPEARMINT (Mentha Spicata)

SAGE (Salvia Officinalis)

LAVENDER (Lavendula Vera)

PARSLEY (Petroselinum Hortense)

ROSEMARY (Rosemarinus Officinalis)

THYME, BROAD LEAVED (Thymus Vulgaris)
3 for 40c; \$1.50 dozen.

ROCK GARDEN COLLECTION

See Descriptions in the Perennial List

Achillea Tomentosum. **Linum Perene.**

Convolvulus Maure- **Nepeta Mussini.**

tanicus. **Pentstemon Hetero-**

Dianthus Beatrix **phyllus.**

Pink. **Veronica Repens.**

Geum Borealii. **Vittadinia Triloba.**

Heuchera Sanguinea.

One each of the above ten rockery plants

\$1.55 value, \$1.25 postpaid.

GERMAIN'S PREFERRED

ALL ITEMS ON THIS PAGE ARE F.O.B. LOS ANGELES, CARRYING CHARGES EXTRA



Aster Fruticosa

ABELIA FLORIBUNDA. New, graceful, colorful, easily grown. All are words fittingly applied to this new red flowering Abelia. Flowers almost fuchsia-like, attractive in color. 75c.

ABELIA GRANDIFLORA. Small, shiny, bronz-green foliage covered with clusters of small fragrant pinkish white flowers. 35c.

ARBUTUS UNEDO (Strawberry Tree). Bushy and spreading, foliage similar to California Holly. Pearl white flowers followed by clusters of brilliant red strawberry-like fruit. 50c.

ALSEUOSMIA MACROPHYLLA. (New England Honeysuckle). A shrubby honeysuckle that becomes a welcome addition to any planting. Long, tubular, fragrant, deep crimson flowers borne almost continuously. Rapid grower. 60c.

ASTER FRUTICOSA. A shrubby aster from South Africa that appeals to everyone. Completely covered with sky blue flowers in early spring and flowering in from six to eight weeks. Likes full sun and a well-drained soil. 60c.

AZALEAS

A favorite of every garden lover, bringing color into those shaded places in early spring when color is so lacking. Growing from two to four feet high and, one might say, as much across and completely covered with flowers of marvelous shades of pink and red, depending upon the variety selected. Easy of culture providing your soil is slightly acid. This can be accomplished through the liberal use of peat in a well drained soil. Liberal watering and occasional cultivation spell much joy in any garden language.

Cherry Ripe

Single cherry red flowers borne in such a solid mass as to completely cover the plant.

Rosy Morn

Single fluted cerise magenta that fairly dazzles in the light. Very attractive.

Seraphim

Double pink shading to lighter pink; in such profusion as to make one wonder where the foliage is.

75 cents each.

BERBERIS DARWINI (Darwin's Barberry). Holly-like leaves, small and glossy, turning red in winter. Orange flowers followed by purple berries. 50c.

BUDDLEIA

Ile de France. The newest of this popular species and gaining in favor every day. Perfectly shaped trusses of flowers of a very desirable shade of purple so much in demand. 50c.

CESTRUM PARQUI (Night-Blooming Jasmine). Medium sized shrub, yellowish green leaves and stems, with clusters of cream-colored flowers, intensely fragrant, only at night. 35c.

CHOISYA TERNATA (Mexican Orange). Glossy deep green foliage and fragrant white flowers, resembling orange blossoms. 35c.

CHORIZEMA ILICIFOLIA. Low growing, holly-like foliage and orange-red pea-shaped flowers. 35c.

ERICA MELANTHERA (Heather). Most popular heather. Covered from November to March with small rosy lavender flowers. 35c.

CISTUS PURPUREUS. A marvelous rock rose that does so well in Southern California that one wonders why it is not in every garden. Three-inch flowers of rosy purple, the petals yellow at the base with a maroon blotch. Enjoys full sun. 60c.

CHIRONIA IXIFERA. A pink flowered, low-growing shrub hailing from South Africa. The pink flowers borne atop the silvery gray stems and foliage are a very pleasing combination that is causing quite a stir among plant lovers of California. Should be massed to be really effective. 50c.



Chironia Ixifera

CONVOLVULUS CNEORUM. The foliage a silky or silvery gray which we are sure you will like. Single satiny white flowers in profusion. Needs a sunny situation. 60c.

COTONEASTER PANNOSA (Silverleaf). Soft gray-green leaves, silvery underneath. White flowers followed by great masses of red berries. 35c.

COTONEASTER PARNEYI. A new cotoneaster from China. Large clusters of brilliant red berries. Very striking. 50c.

DAPHNE ODORA. Those who want sweet scented flowers get a superabundance of perfume when this plant blooms. Planted in well-drained soil in semi-shade it soon becomes one of the prized possessions of the garden. 75c.

DIOSMA ALBA (Breath of Heaven). Dwarf and bushy with feather-like foliage, very fragrant. Small white, star-shaped flowers. 35c.

DIOSMA PULCHRUM. (Pink Diosma). A pink form very similar in its requirements and habits of growth to alba. 50c.

EUGENIA HOOKERI. Large, dark green leaves, reddish tipped, and cream-colored flowers followed by edible violet colored berries. 35c.

EUGENIA MYRTIFOLIA (Brush Cherry). Glossy green leaves, reddish on the new growth with flowers and berries same as above. 35c.

FREMONTIA MEXICANA. One of the finest and most beautiful of flowering shrubs. Actually is a small tree with small fig-like grayish green leaves. The plants break out in late winter and spring with a gorgeous profusion of exquisite flowers two to three inches across of a deep orange-yellow streaked with crimson. Gallon size 50c; 5-gallon size \$1.75.

GARDENIA VEITCHI. (See color page.)

GENISTA FRAGRANS (Sweet Broom). Small grass-green leaves and absolutely covered when in bloom with yellow flowers. 35c.

GREVILLEA OBTUSIFOLIA. This Grevillea seems to answer the problem of bank cover. A lovely green foliage plant completely covering the ground and flowering almost continuously. The flowers are a desirable shade of red. Plant in ordinary garden soil and do not water too much; in full sun. Ideal for hanging baskets. 50c.

HELIANTHEMUM OCYMOIDES. Did you ever notice a flower in a garden that seemed to attract everyone who saw it? Sulphur yellow flowers with a purple eye at the base of the petal, set against a contrasting background of gray foliage, make it easy to realize why this plant is called the SUN ROSE. 50c.

HETEROCENTRON ROSEUM. A very worthy addition to any garden. Deep rosy pink flowers on terminal panicles blooming with the greatest profusion. The plant is tender in sections colder than where oranges can grow. Plant in a warm favored spot and it certainly will favor you. 50c.

HIBISCUS

One of the most colorful group of plants grown in California with its vivid flowers and bright glossy foliage. Tender to frost but usually starting from the base again and flowering that year.

AGNES GAULT. The finest of all. Immense single coral pink flowers. Always in flower.

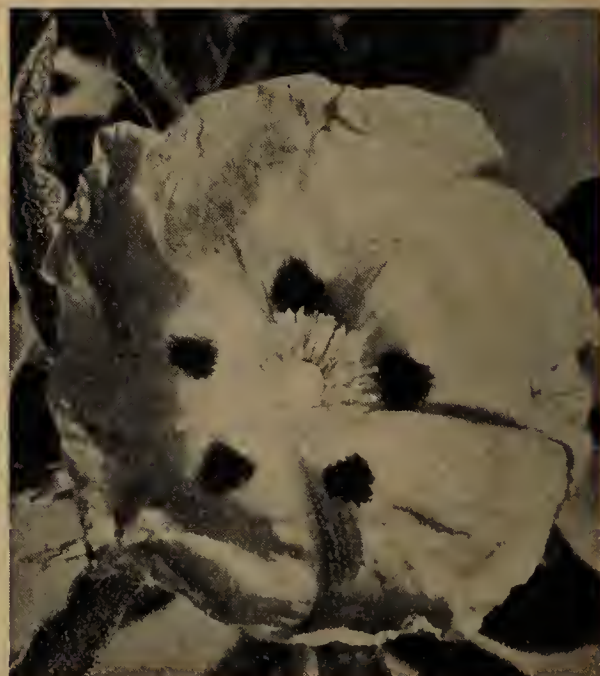
PEACHBLOW. A pleasing shade of light pink.

SINGLE RED. The brightest colored and most profuse bloomer of all.

DOUBLE PINK. Marvelous double pink.

DOUBLE RED. Rich double red.

All varieties 35c.



Cistus Purpureus

EVERGREEN SHRUBS

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HOLMSKIOLDIA SANGUINEA. Either shrub or climber is this brick red flowering plant that might be mistaken for a bougainvillea at a distance. Flowers almost the entire year. Plant in full sun and water liberally and you will be well rewarded. 75c.

HYDRANGEA. Too well known to need any description. Each year, however, finds them being produced with larger flowers and better colors. We offer the improved large flowered, strong growing type that does well in shade or semi-shade. 35c.

ILEX CORNUTA. A holly that has adapted itself as readily to our Southern California conditions as Ilex Aquifolia (more generally known as English Holly) did in England. Deep green in color of foliage; red berried. One can look forward to a generous planting in California. 50c.

JASMINUM REVOLUTUM (Italian Jasmine). Shrub or semi-climber with golden yellow flowers. 35c.

LAURUS CERASUS (English Laurel). Marvelous specimen shrub with its thick glossy dark green foliage and well shaped growth. 50c.

LANTANA

Useful flowering shrub for hedges, fences and specimens. Available in the following varieties:

DWARF CREAM.
DWARF ORANGE.
DWARF PINK.
DWARF RADIATION—Orange red.
DWARF LEMON YELLOW.

LANTANA—TRAILING. Purple lavender trailer that blooms continuously in the warmer sections.

Any of the above Lantanas 35c each

LASIANDRA LAXA. (Pleroma Scandens.) (Weeping Princess Flower). An exceptional Pleroma with flowers smaller than the splendens type but blooms more profusely. Its weeping habit makes the plant all the more attractive. 50c.

LAVENDULA VERA (Lavender). The old-fashioned Sweet Lavender. Soft gray foliage and fragrant lavender flowers. 35c.

LEPTOSPERMUM LAEVIGATUM (Australian Tea Tree). Large and spreading with grayish green foliage and a profusion of small white flowers. 35c.

LIGUSTRUM NEPALENSE (Nepal Privet). Large glossy green leaves, graceful habit. Gallon 35c, flats of 100 plants \$1.50.



Convolvulus Cneorum

LIGUSTRUM OVALIFOLIUM AUREUM. The well-known Golden Privet so common in Southern California. 35c.

MAHONIA AQUIFOLIUM (Oregon Grape). Dark spiny foliage and yellow flowers in dense clusters followed by purple berries. 50c.

MYRTUS COMMUNIS (Roman Myrtle). Shiny green foliage, highly aromatic, with many small white flowers followed by black berries. 35c.

MYRTUS COMMUNIS COMPACTA (Dwarf Myrtle). Dense and compact with small, dark shiny leaves. Low growing. 35c.

NANDINA DOMESTICA (Heavenly Bamboo). Rich red leaves when young, dark green later, beautiful coppery tones in winter, red berries in the fall. 35c.

NERIUM—"Oleander"

Brilliant, showy flowers and light green foliage.

Atropenissima—Dark Blood Red.

Mrs. Roeding—Double Salmon.

Single White.

Double Pink.

Any of the above Oleanders, 35c each.

PITTOSPORUM TOBIRA (Japanese). Round-headed shrub with deep, glossy green foliage and small fragrant orange-blossom-like flowers. 35c.



Helianthemum Ocymoides

PITTOSPORUM UNDULATUM. Deep, glossy green leaves and yellow fragrant flowers. Tall. 50c.

PLEROMA SPLENDENS (Queen Flower). Flower a royal purple, perhaps the most intense purple in all the plant groups. Foliage a gray green of much interest. 50c.

PLUMBAGO CAPENSIS. Semi-climbing shrub covered for a long period with azure blue flowers. 35c.

PRUNUS LYONI. (Catalina Cherry.) Large and glossy, dark green foliage, holly-like in form. Native of Catalina Island. 35c.

PSORALEA APHYLLA. (Blue Broom)—Blue pea shaped flowers on a plant which resembles a broom. Its profuse flowering insures its welcome to every garden. 60c.

PYRACANTHA CRENULATA. Long, narrow leaves, glossy and dark green with bright crimson berries. 35c.

HEDGE PLANTS

The demand for hedge material is very large in California. Material is usually requested in quantity and in small size. The following list is in flats approximately 100 plants to a flat unless otherwise quoted.

BUXUS JAPONICA. (Japanese Boxwood). 6 to 8 in.....	\$2.00
LIGUSTRUM NEPALENSE. (Nepal Privet). 10 to 12 in.....	1.50
LIGUSTRUM OVALIFOLIUM AUREUM. (Golden Privet). 10 to 12 in.....	1.50
LIGUSTRUM JAPONICA. (Japanese Privet). 10 to 12 in.....	1.50
CUPRESSUS ARIZONICA. (Arizona Cypress). 6 to 8 in.....	2.00
CUPRESSUS MACROCARPA. (Monterey Cypress). 6 to 8 in.....	1.75
MYRTUS COMPACTA. (Dwarf Myrtle). 2½ in. pots only.....	Per C 6.00

These plants are quoted f. o. b. Los Angeles and can be shipped via express only. Weight about 40 pounds packed ready for shipment.



Holmskioldia Sanguinea

PYRACANTHA FORMOSIANA. Compact growth small, bright green leaves and berries of brightest Christmas red in enormous clusters. 50c.

PYRACANTHA ATALANTOIDES. A new red berried Pyracantha of exceptional merit. Myriads of berries so closely packed upon the stem that one wonders how the stem supports them all. 75c.

PYRACANTHA LALANDI (Burning Bush). Rich glossy green foliage with clusters of white flowers in the spring followed by a wealth of orange berries. 35c.

PYRACANTHA YUNNANENSIS. Similar in form to Pyracantha Crenulata with larger leaves and more vigorous growth and great masses of red berries that remain on the plant for several months in a magnificent display of color. 50c.

RAPHIOLEPIS OVATA (Japanese Hawthorn). Blunt, thick leaves with a mass of pink flower clusters in spring. Spicy fragrance. Keep for weeks after cutting. Purple berries in fall. 50c.

ROSEMARINUS (Rosemary). Narrow, dark green leaves, silvery underneath, highly aromatic and used for seasoning. 35c.

SALVIA LEUCANTHA (Purple Salvia). A very popular plant because of its ease in growing. Should be pruned to the ground after its blooming period. 35c.

SPARTIUM (Spanish Broom). Strong and fast-growing with slender almost leafless branches. Large, pea-shaped yellow flowers, sweetly scented. 35c.

VERONICA DECUSSATA. Dwarf, rounded leaves. Large, deep blue flowers. Medium size shrub. 35c.

VERONICA IMPERIALIS. Low and bushy, dark green leaves and reddish purple flowers. 35c.

VIBURNUM SUSPENSUM. Spreading and bushy, angled branches and large leaves, shiny and dark green. Flower clusters of white, tinged with pink. 35c.

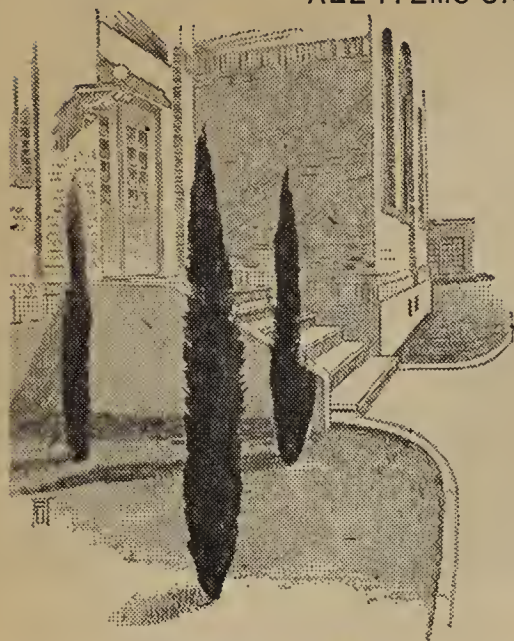
VIBURNUM TINUS (Laurustinus). Medium-sized very dark green foliage and large, flat clusters of flesh-colored blooms with a peculiar fragrance. 35c.

WESTRINGIA ROSEMARINIFOLIA. (Victorian Rosemary.) A very remarkable hedge subject. Much like Rosemary in appearance. Bears white star-shaped flowers during the winter months. Suitable also for specimen work. 60c.

CONIFERS

ORNAMENTAL VINES

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Italian Cypress

CEDRUS DEODARA. Rapid growing Cedar, used for lawn or parkways. Towering pyramidal form. 50c.

CUPRESSUS ARIZONICA (Arizona Cypress). Bluish green, narrow pyramidal form. Good for hot, dry sections. 35c.

CUPRESSUS MACROCARPA (Monterey Cypress). Widely planted for hedge, shade trees, and windbreaks. 35c.

CUPRESSUS SEMPERVIRENS (Italian Cypress). Tall, slender, and erect. Used for gateway, arches, tall borders, etc. 5 to 6 ft. \$1.50, gallon 35c.

JUNIPERUS CHINESIS PFITZERIANA (Pfitzer's Juniper). Bushy, wide-spread, horizontal branches. Forms immense flat irregular head of bluish green foliage. 35c.

JUNIPERUS SABINA TAMARISCIFOLIA. Creeping type juniper seldom more than one foot high but reaching a spread of 6 to 8 feet. 35c.

LIBOCEDRUS DECURRENS (Incense Cedar). Tall, narrow, pyramidal tree with deep, green lustrous foliage. 50c.

PINUS HALAPENSIS (Aleppo Pine). Rapid growing, excellent for hillsides and for quick effect. 50c.

PINUS INSIGNIS (Monterey Pine). Native California. Bright green foliage and bushy habit. Fastest growing pine. 50c.

SEQUOIA SEMPERVIRENS (Coast Redwood). The well-known California Redwood, excellent for street, parkway, garden. 50c.

DECIDUOUS SHADE TREES

ACER DASYCARPUM (Silver Maple). The best Maple for the Pacific Coast, making a beautiful fast growing tree. 6-8 feet 75c.

BETULA ALBA (White Birch). A slender, graceful tree with picturesque white bark. Very popular. 6 to 8 ft. 85c.

FRAXINUS VELUTINA (Arizona Ash). Rapid growing, fine for Arizona and California. 6-8 ft. 75c.

PLATANUS ORIENTALIS (European Sycamore). Rapid grower with bright green maple-like foliage. An excellent tree under most all conditions. 6 to 8 ft. 75c, 8 to 10 ft. \$1.00.

PLATANUS RACEMOSUS (California Sycamore). Native of the California foothills. Spreading and heavily branched, with soft green foliage. 6 to 8 ft. \$1.00.

POPULUS NIGRICA (Lombardy Poplar). Tall, slender, and narrow, used for driveways, etc. Rapid grower. 6 to 8 ft. 60c; 8 to 10 ft. 75c.

SALIX BABYLONICA (Weeping Willow). The well-known willow with its hanging branches and large spreading top. 6 to 8 ft. 75c.

ULMUS PUMILA (Chinese Elm). Fast growing and stands extremes of heat, cold, drought and alkali. Very popular. 6 to 8 ft. 60c. The above shade trees are available during the spring months in bare root. After April 1st they can be supplied in containers at 25c additional per tree.

ANTIGONON LEPTOPUS (Rosa de Montana). Rapid climber with large leaves covered with pink blossoms. 60c.

BIGNONIA CHERERE (Red Trumpet Vine). Evergreen climber with long, tubular, blood-red flowers, yellow at the base. 50c.

BIGNONIA TWEEDIANA (Yellow Trumpet Vine). Slender green leaves and canary yellow trumpet-shaped flowers. 50c.

BIGNONIA VENUSTA (Orange Trumpet Vine). Vivid orange flowers, in great masses. 50c.

TWO NEW BOUGAINVILLEAS

MRS. PRAETORIUS. A new triumph in bougainvilleas. Even more striking in color than Crimson Lake. Rich golden bronze with a pink overlay. Very free flowering and a vigorous grower. \$1.25 each.

ROSEA. The rose pink bougainvillea with large flowers borne in enormous trusses and in such profusion as to entirely cover the plant. Probably the strongest growers of all of the bougainvilleas. \$1.00 each.

BOUGAINVILLEA BRAZILIENSIS. Showy plant with brilliant reddish purple flowers and bright green foliage. 50c.

BOUGAINVILLEA CRIMSON LAKE. The most beautiful of the bougainvilleas. Large and brilliant crimson flowers. Gallon, 60c; 5-gallon size, \$2.00.

CLEMATIS PANICULATA. Vigorous climber used for covering porches, fences, etc. Fragrant white flowers in large quantities. 50c.

DISTICTIS CINEREA

Fast climbing into first rank among the vines. Lavender bignonia-like flowers eight months of the year. Great clusters of these fragrant flowers borne profusely against its handsome foliage. 75c.

FICUS REPENS (Creeping Fig). A vine entire with clinging faculties that makes it very useful. Rapid growing with clean green foliage. 35c.

GELSEMIUM SEMPERVIRENS (Carolina Jasmine). Graceful vine, good foliage, myriads of clear yellow flowers. 50c.

HEDERA HELIX (English Ivy). Evergreen climber, dark, glossy leaves, excellent for covering banks, walls, trunks of old trees, etc. 3-in. pots 15c, gallon size 35c.

JASMINUM GRANDIFLORA (Catalina Jasmine). Hardy and vigorous. Very fragrant. Used in the finest perfumes. 50c.

JASMINUM PRIMULINUM. Slender, green branches and glossy green leaves. Primrose yellow flowers. 35c.



Kentia Palm



Bougainvillea Rosea

JASMINUM STEPHANENSE

A pink jasmine. Really we mean just that. One that seems to carry even more fragrance than some of the older varieties. Its dainty pink flowers are an added attraction to even the loveliest of gardens. 60c each.

LONICERA HALLEANA (Hall's Japanese Honeysuckle). Delightfully fragrant white flowers changing to yellow. 35c.

LONICERA SEMPERVIRENS

Scarlet flowered honeysuckle of exceptional merit. The long tube shaped flowers are a pleasing contrast to the very green foliage. 50c each.

SENECIO CONFUSUS

A sensation among the new vines. Flowering when only two or three feet tall and growing very rapidly. Covering itself with clusters of orange-red flowers and backed by rather thick large green leaves. Full sun. 75c each.

TECOMA CAPENSIS (Cape Honeysuckle). Shrub or half climber. Thick, bright green foliage and bright red trumpet-shaped flowers. 35c.

TECOMA MACKENII. Large bright pink, trumpet-shaped flowers. 35c.

WISTARIA PURPLE. Long racemes of purple colored pea-shaped flowers that almost cover the plant. 5-gallon size \$1.50. Also pink or white.

PALMS AND GRASSES

CORTADERIA ARGENTEUM (Pampas Grass). Forms a large clump of grass-like leaves topped by great silvery white plumes. 35c.

KENTIA FOSTERIANA. By far the most satisfactory indoor palm. 4 in. pots 50c; 6 in. pots \$1.50.

PHOENIX CANARIENSIS (Date Palm). Most popular palm in Southern California. Immense crown of curving leaves, dark green, stately and rapid grower. 35c.

PHORMIUM TENAX, VARIEGATED (New Zealand Flax). Strong clump of long stiff-pointed leaves, variegated. 35c.

WASHINGTONIA ROBUSTA. California's own native palm. Tall, drought resistant type with fan shaped leaves. 35c.

BROAD-LEAVED EVERGREEN TREES

ALL ITEMS ON THIS PAGE ARE F.O.B. LOS ANGELES, CARRYING CHARGES EXTRA



Eucalyptus Erythrocorys

DECIDUOUS SHRUBS

AMYGDALUS ROSEA NANA (Dwarf Pink Flowering Almond). One thinks of little pink buttons on a string when seeing this in flower, so closely placed on the stem are the individual flowers. Makes a shrub about four feet high. 1½-2 ft. \$1.00.

CYDONIA JAPONICA (Flowering Quince). A very showy group of plants flowering in the early spring and carrying a good glossy foliage the rest of the season. Blood red, 2 ft., \$1.25. Corallina Salmon red, 1½ ft. \$1.50.

KERRIA JAPONICA (Japanese Rose). Semi-deciduous shrub bearing small double rose-like yellow flowers. Should be planted in partial shade. 1 gallon 40c.

LAGERSTROEMEA INDICA (Crepe Myrtle). Tall growing shrub bearing an abundance of pink crepe-like flowers in spring and summer. 5-gallon size, \$1.25; gallon can size, 35c.

LILAC (Eastern). An old fashioned favorite. Single purple or white. 50c.

LIPPICIA CITRIODORA (Lemon Verbena). Fast-growing with delightfully fragrant foliage. Flowers white, in spikes. 35c.

PUNICA (Flowering Pomegranate). Double red. Fast growing with large double-red flowers borne in great profusion and scarlet in color. Very showy. Gallon size, 35c; 5-gallon size, \$1.25.

SPIREA ANTHONY WATERER (Red Bridal Wreath). Dwarf growing with dense panicles of rosy crimson flowers. Gallon 35c.

SPIREA VAN HOUTTEI (Bridal Wreath). The well-known and ever-popular Eastern shrub. Pure white flowers. Gallon containers 35c.

VIBURNUM OPULUS STERILIS (Eastern Snowball). Large ball-shaped clusters of white flowers. Gallon size. 35c.

WEIGELIA EVA RATHKE. Brilliant crimson flowers in clusters. Gallon size 35c.

WEIGELIA ROSEA. Large clusters of rose-pink flowers, trumpet shaped, making a very effective display. Gallon size 35c; 3 to 4 ft. \$1.00.

HOUSE AND PATIO PLANTS

ASPARAGUS SPRENGERI. One of the best known hanging basket or pot asparagus ferns. Will stand either sun or shade. 3 in. pots 15c; \$1.50 dozen.

BILBERGIA NUTANS. See color page "Q".

CYRTOMIUM FALCATUM (Holly Fern). A marvelous fern for either outside or inside. Its holly-like foliage makes it extremely useful. 3 in. pots 25c; 4 in. pots 50c.

NEPHROLEPIS EXALTATA BOSTONENSIS (Boston Fern). A general favorite too well known to warrant a description. 5 in. pots 75c; 6 in. pots \$1.00.

ACACIA BAILEYANA. Fern-like, silvery blue-green foliage. Completely covered in the spring with great sprays of lemon-yellow flowers. 35c.

ACACIA DEALBATA (Silver Wattle). Large and spreading with fern-like bluish green foliage and golden yellow flowers. 35c.

ACACIA FLORIBUNDA (Everblooming Acacia). Fast-growing and upright with long, narrow leaves and creamy yellow flowers. 35c.

BAUHINIA PURPUREA (Orchid Tree). Medium-sized tree with two-lobed leaves and beautiful showy flowers 3 inches or more across, varying from deep pink to purple in color. 50c.

CAMPHORA (Camphor Tree). Dense, bright green, glossy foliage tinged with bronze in the spring. Popular street tree. 35c.

CASUARINA STRICTA (Beefwood or She-Oak). Hardy street tree that withstands alkali, drought, heat or cold. Bunchy, reed-like foliage resembling a pine. 35c.

CERATONIA (Carob Tree or St. John's Bread). Most popular Southern California street tree. Symmetrical shape and dense, glossy, evergreen foliage. 35c.



Eastern Lilac

DECIDUOUS FLOWERING TREES

PRUNUS PERSICA (Flowering Peach)

BURBANK—Large double pink flowers. Late.

CAMELLIAFLORE—Double carmine red. Late.

DOUBLE WHITE—Large flowered.

EARLY RED—A clear ruby-red and double.

LATE RED—Same color as the Early Red but blooms three weeks later.

PEPPERMINT STICK—Variegated red and white.

SAN JOSE PINK—Double pink. Early.

All varieties 4-5 ft. 75c

PRUNUS BLIRIEANA (Flowering Plum). A lovely soft pink double variety borne on long slender branches. Foliage heavily tinged with orange. 4-5 ft. \$1.00.

COULTERIA TINCTORIA

One of the most striking small trees that have been brought to our attention in recent years. Seed pods turn reddish in color during September and the following months and are borne so profusely as almost to cover the tree. Flowers are yellow in the early spring. 50c each.

EUCALYPTUS FICIFOLIA (Scarlet Flowering). Large and dark glossy green leaves with great clusters of brilliant crimson flowers. 50c.

EUCALYPTUS GLOBULUS (Blue Gum). The most widely planted for windbreaks and fuel. 35c.

EUCALYPTUS ERYTHROCORYS. The red flowering eucalyptus seemed the ideal in flowering trees. Here is one, however, that might be called even more striking with its vivid scarlet bud caps and large heads of golden yellow flowers. Small growing tree, white barked with silvery foliage. There is certain to be much demand for it as it becomes known in California. \$1.00.

EUCALYPTUS SIDEROXYLON ROSEA (Red Ironbark). Very hardy, of medium size having masses of delicate pink flowers and long, narrow silver-gray leaves. 35c.

JACARANDA MIMOSAEFOLIA. Round symmetrical head of light green, fern-like foliage and a mass of light violet-blue flowers in spring. 35c.

MAGNOLIA GRANDIFLORA (Southern Magnolia). Dark green, heavy and glossy foliage and large pearl-white, intensely fragrant flowers measuring 6 to 8 inches across. 35c.

QUERCUS AGRIFOLIA (California Live-Oak). Evergreen with spiny-toothed leaves making a large, dense, handsome tree. 35c.

SCHINUS MOLLE (California Pepper). Beautiful, unique and popular. Grows anywhere in Southern California with little care. 35c.

ULMUS PARVIFLORA (Evergreen Elm). A beautiful Elm bringing the beauty of this tree in an evergreen form. Small leaves and slender drooping branches giving the effect of a Weeping Willow. A magnificent lawn specimen. 50c.

PYRUS (Flowering Crab Apple). The flowering crab is one of the showiest of our flowering trees. Aldenhamensis (new)—Leaves purple, flowers maroon. 3-4 ft. 85c.

lonensis Bechtelii—(Bechtel's Double Flowering Crab). Small trees completely covered with large double delicate pink flowers. 3-4 ft. 75c.

Floribunda—Bright pink buds, white flowers. 3-4 ft. 75c.



Prunus Persica

NEPHROLEPIS WHITMANI (Double Feather Boston Fern). An improved variety of much merit. Very feathery in appearance. 5 in. pots 75c; 6 in. pots \$1.25.

PHILODENDRON CORDATUM. A small leaved Philodendron that thrives equally well in pots or in water. One of the most ornamental of house plants offered. 25c.

SANSEVIERIA LAURENTI. An excellent house plant. The thick leathery leaves stand heat and dust very well. This variegated form margined with gold is very attractive. 4 in. pots 75c; 5 in. pots \$1.25.

APPLES



Prices:

4-6 foot size,
60c each; 10 for \$5.00.
3-4 foot size,
50c each; 10 for \$4.00.

DELICIOUS. It is large, uniform in size, long and tapering. Skin is yellow with a crimson cheek on the sunny side. Flesh is white, fine-grained, juicy, crisp, melting, sweet and slightly acid. November.

GRAVENSTEIN. A popular market, shipping and culinary variety. Skin greenish yellow, striped with red shadings; flesh yellow, crisp, juicy and tender; texture good. August.

JONATHAN. Medium size, roundish and oval; skin bright red, on the sunny side quite dark to almost black; flesh a delicate cream with a faint suggestion of red; flavor excellent. October.

RED JUNE. Fruit roundish and uniform, having a tender, smooth, glossy skin of pale yellow or greenish overspread with a deep red. Flesh is white, tender, juicy and of a rich sub-acid flavor. July.

BELLFLOWER. Very large; oblong; skin smooth, pale lemon yellow; flesh tender, juicy, crisp, with a slightly sub-acid flavor; one of the very best. October.

WHITE WINTER PEARMAN. Fruit medium to large, oblong; skin pale yellow with a brilliant blush on sunny side; flesh yellow, fine-grained, juicy and tender. A good keeper. November.

TRANSCENDENT CRABAPPLE. A beautiful variety of the Siberian Crab; large, red and yellow; tree a remarkably strong grower.

APRICOTS



Prices:

4-6 foot size,
60c each; 10 for \$5.00.
3-4 foot size,
50c each; 10 for \$4.00.

MOORPARK. One of the largest, most popular and widely disseminated apricots; deep orange or brownish red; flesh quite firm, bright orange; juicy, with a rich flavor. August.

NEWCASTLE. Medium size, round, well-shaped; a shade smaller than the Royal and two or three weeks earlier. July.

ROYAL. A standard variety; skin dull yellow, with an orange cheek; flesh pale orange, firm and juicy, with a rich vinous flavor. July.

TILTON. Large oval, slightly compressed; flesh firm, yellow, and parts readily from the stone; heavy and regular bearer. July.

CHERRIES



Prices:

4-6 foot size,
60c each; 10 for \$5.00.
3-4 foot size,
50c each; 10 for \$4.00.

BING. A valuable market and shipping cherry. Fruit of large size, firm, heart-shaped and regular; skin smooth, glossy, deep maroon verging to black in color; flesh sweet. June.

BLACK TARTARIAN. Bright purplish black; flesh purplish; thick, juicy, very rich and delicious; tree a remarkably vigorous, erect and beautiful grower. June.

RICHMOND (Pie Cherry). Red; acid; valuable for cooking; productive. July.

ROYAL ANN. A magnificent cherry of the largest size; pale yellow, becoming amber in the shade, with a bright red cheek; flesh firm, juicy and sweet. Free grower and enormous bearer. July.

GERMAIN'S

PEACHES



Prices:

(Ex. Babcock and Smith)
4-6 foot size,
60c each; 10 for \$5.00.
3-4 foot size,
50c each; 10 for \$4.00.

Freestone

AUSTRALIAN SAUCER. Obtains its name from its peculiar flattened shape; small, skin white with red cheek; flesh white, very sweet and delicious. One of the few satisfactory peaches for the hot interior. June.

BABCOCK. (See color page "O".)

C. O. SMITH

The Ideal Home Garden Variety

The same experimental work that produced the Babcock also resulted in the new C. O. Smith Peach named after one of its originators. It produces a crop regularly and is not subject to the delayed foliation common to other varieties in our mild climate resulting in a loss of crop. Larger and somewhat later than the Babcock with richly flavored and juicy white flesh. A splendid variety for the home orchard but not as good a commercial variety as the Babcock.
4- to 6-foot trees 70c each; 10 for \$6.00.
Insure Peaches Every Year with Babcock and C. O. Smith

EARLY CRAWFORD. A magnificent, large, yellow peach of good quality. Its size, beauty and productiveness make it one of the most popular varieties both for home use and commercial planting. July.

EARLY IMPERIAL. For a number of years this variety has been the leading yellow freestone for commercial and home use. Fruit medium size with small pit; skin yellow, shaded with crimson; flesh yellow, rich and firm. Late June to July.

ELBERTA. Very large; skin golden yellow where exposed to the sun; flesh yellow, juicy, rich, sweet and splendidly flavored; tree very prolific. It is a perfect freestone and one of the most successful market varieties. August.

J. H. HALE. Smooth skin, almost fuzzless. Very firm. Ships almost like an apple. Yellow freestone; flesh tender, excellent quality. Larger than the Elberta and ripening about the same period. August.

MILLER'S LATE. A very satisfactory late variety of large size and fine flavor. Flesh is firm, juicy, and yellow in color. Probably the latest to bear. October.

Clingstone

SIMS. A late mid-summer cling very popular with growers on account of its large size and productiveness. Fruit very large; nearly round; golden yellow, with faint blush. Flesh deep yellow to the pit; of fine texture. Fruit ripens from inside, and should be carefully handled. Late August.

STRAWBERRY CLING. Large, yellow, striped with red; flesh white, red around pit; heavy and uniform bearer. September.

TUSCAN CLING. Large, yellow, heavy bearer and one of our best clings; fine shipper. In great demand by canners on account of its early ripening. July.

THE GARDENER. (By L. H. Bailey.) Beginning with A and running through to Z, this book lists and tells how to plant and care for all the common flowers, vegetables, and fruits from the time they are planted through to maturity. Entries are cross-referenced and the book is unusually easy to use. \$2.00.

On these and the following pages you will find a complete list of the various fruit trees, vines, and berry plants that we have to offer for this season. After the description of each variety we have noted the month of ripening. Please write us for special prices in large quantities.

Please note that all prices listed on this and the following page are at Los Angeles and it will be necessary to include postage or express charges for shipments. In general the addition of 10% to the amount of your order will be sufficient. In small quantities all deciduous fruits may be shipped parcel post but in quantities of 10 or more we recommend express as being cheaper and more satisfactory. Citrus and tropical fruits such as orange or avocado trees must go via express.

FIGS



Prices:

4-6 foot size,
60c each; 10 for \$5.00.
3-4 foot size,
50c each; 10 for \$4.00.

KADOTA. Medium sized; thin, white skin; pulp white to pink. One of the best for canning, preserving and pickling. August.

MISSION (California Black). The well-known local variety; fruit large, dark purple, almost black when fully ripe; makes a good dried fig; tree grows to large size and bears immense crops. Mid-summer.

WHITE ADRIATIC. Very large, elongated, yellowish-green fruit with a short neck; flesh bright red, somewhat coarse but of excellent quality. A strong-growing prolific tree.

BROWN TURKEY. Often called Black Spanish or Black San Pedro. Large fruit of excellent quality. Long, purple color turning deeper as it matures, with rich strawberry red meat. Very sweet and juicy.

NECTARINES



Prices:

4-6 foot size,
60c each; 10 for \$5.00.
3-4 foot size,
50c each; 10 for \$4.00.

BOSTON. Large, bright yellow with red cheek; flesh yellow, sweet and pleasant flavor; freestone. The leading yellow fleshed nectarine. August.

GOWER. We strongly recommend it for home and commercial planting. Fruit very firm, freestone, and almost completely splashed with crimson. Ships like a clingstone peach. Very early; delicious flavor. July.

STANWICK. Very large, almost globular, often as large as a peach; skin pale, greenish-white, shaded into deep rich violet in the sun; flesh white, tender, juicy and delicious. August and September.

QUINCES



Prices:

4-6 foot size,
60c each; 10 for \$5.00.
3-4 foot size 50c each;
10 for \$4.00

APPLE OR ORANGE. Large roundish, with short neck; beautiful bright golden yellow; an old favorite. September.

FRUIT TREES

On receipt of shipment unpack immediately, and if not planted at once place the roots of the trees in a trench, cover with soil, and water thoroughly, so as to settle the dirt about the roots.

It is of great importance to dig holes deep and large to admit all the roots in their natural position. Any injured roots should be cut off with a sharp knife. Fill the hole with the surface soil, so that the tree, after the earth has settled, will stand about as deep as it did in the nursery, a line which can usually be noted by a difference in color. Settle the soil well around the roots by filling the hole with water. Never let manure come in contact with the roots, but it can be used as a top dressing.

PLUMS

Prices:

(Except Mariposa)

4-6 foot size,
60c each; 10 for \$5.00

3-4 foot size,
50c each; 10 for \$4.00



DAMSON. Excellent for preserves, jellies, pies, etc. Fruit small, roundish; skin purple, with a thick blue bloom; flesh melting juicy, sub-acid. September.

MARIPOSA. See color page "O."

SANTA ROSA. Regarded as one of the best Japanese types of plums. Very large; deep purplish crimson color, with pale blue bloom. Flesh yellow, streaked and shaded crimson. June.

SATSUMA. Fruit large, nearly round; dark red, flesh dark red; solid color from skin to pit; firm, rather juicy, fair flavor; pit very small. Extremely productive. August.

WICKSON. Very large; yellow, overlaid with glowing carmine with a white heavy bloom; flesh firm, sugary, delicious; pit small. Remarkable for long keeping. August.

APEX PLUMCOT. This fruit, as indicated by its name, is a very satisfactory combination of the Apricot and the Plum. Large, round, yellow, rich and aromatic. June.

PRUNES

FRENCH IMPROVED. By far the leading prune in California, and unexcelled in quality. Fruit medium size, dark blue; skin tender; flesh of fine texture, rich and sugary. Very similar to the old French (Petite d'Agén), but runs to larger sizes. August-September.

STANDARD. Drying and shipping. Fruit large, dark purple; flesh amber, fine grained, juicy and sweet. Freestone. Requires cross pollination. August.

TRAGEDY. Large, dark purple, yellowish green meat rich and sweet. A fine table prune. July.

PEARS

Prices:

4-6 foot size,
60c each; 10 for \$5.00

3-4 foot size,
50c each; 10 for \$4.00.



BARTLETT. Large; smooth; clear yellow; flesh white, juicy, buttery and highly perfumed. The most popular sort in this State; the best early variety and has no competitor for market or canning. August.

SECKEL. Rather small; regularly formed; yellow with russet red cheek; flesh cream color; flavor rich, spicy, unique and characteristic. Excels all other sorts in quality. October.

WINTER NELIS. Probably the finest winter variety so far produced. Fruit medium and of a roundish formation; skin yellowish, flesh cream colored, and full of rich, sweet juice. December.

PERSIMMONS

Prices:

4-6 foot size,
\$1.25 each; 10 for \$11.00

3-4 foot size,
\$1.10 each; 10 for \$10.00



FUYU. A new variety that promises to become a leading commercial sort. Fruit is never astringent. Medium size fruit of deep red color.

HACHIYA. Fruit very large, oblong, conical pointed toward the apex; skin bright red with occasional dark spots or blotches, flesh deep yellow, soft and jelly-like when ripe.

POMEGRANATES

Prices:

3-4 foot size,
50c each; 10 for \$4.00.

2-3 foot size,
40c each; 10 for \$3.00.



WONDERFUL. The largest and most attractive variety. Valuable for shipping. Pulp rich garnet with an abundance of juice, dark as port wine; exquisite flavor.

NUT TREES

PRICES:

Almonds, 4-6 ft., 60c ea.

Almonds, 3-4 ft., 50c ea.

Pecans, 4-6 ft., \$1.25 ea.

Walnuts, 4-6 ft., \$1.00 ea.

Walnuts, 6-8 ft., \$1.25 ea.



ALMONDS

NE PLUS ULTRA. A sturdy and rather upright grower; extremely prolific; producing its nuts in bunches.

NON PAREIL. Of a weeping style of growth, but still forms a beautiful tree; an extraordinary heavy and regular bearer, with very thin shell.

TEXAS PROLIFIC. Nut medium size; shells perfect and well filled. A very heavy and regular bearer. It is of great value in pollenizing.

PECANS

CALORO. The nut is very large, long, and tapering, and we have never seen a nut which cracks and separates from the shell as easily and perfectly as Caloro. The tree is possibly the most handsome of all Pecans, growing tall and slender, with beautiful large foliage. It is a heavy bearer and needs no cross-pollination. Best in the warmer interior sections.

SUCCESS. The most widely planted variety in California. A large and oblong shaped nut with a medium thick shell. Meat of fine quality. Self-pollenizing.

HALBERT. Thin-shelled, well-filled nuts almost round in shape with a kernel of excellent flavor. Produces heavily and bears when quite young. Medium size. Self-pollenizing.

WALNUTS

EUREKA. Large oblong, soft shell, tightly sealed. Tree vigorous grower, blight resisting, good producer, blooms late.

PLACENTIA. A favorite in Southern California. Nuts large, soft shell, white meat of excellent quality.

FRANQUETTE. Late blooming and hardy with dense foliage and large, elongated, smooth nuts. Popular in Central and Northern California.

PRINCIPLES OF FRUIT GROWING

By L. H. Bailey

Practical information for growers of every kind of tree and bush fruits. Tells where to locate the orchard, how to plant, cultivate, prune, spray, harvest, grade, and market. 186 illustrations, 432 pages. \$2.50.

AVOCADOS

Prices:

4-5 foot size,

\$2.00 each;

10 for \$17.50.



FUERTE. Skin smooth, of greenish color; flavor excellent with a high percentage of oil. One of the standard winter ripening varieties.

PUEBLA. Medium size, roundish-oval; skin smooth, glossy purple, medium thick; flesh very rich; bears young and heavily. Ripens in winter months.

NABAL. The leading summer-ripening variety. Large, round fruit with a smooth leathery green skin and small seed. Exceptionally fine quality. For an all-year supply of fruit we recommend the above three varieties—Fuerte for winter, Puebla for late fall, and Nabal for summer.

CITRUS

Prices:

(Unless otherwise noted)

\$1.50 each; 10 for \$14.00.



ORANGES

NAVEL. The world wide famous California orange. Fruit large and seedless. Flesh juicy, sweet and highly flavored. Ripens November.

VALENCIA. Sharing the popularity of the Navel, and often bringing the highest prices. Ripens after the Navel. Fruit medium size, few seeds, tender, sweet and delicious. May to October.

LEMON

EUREKA. This is the most commonly grown and leading variety. Almost thornless. Fruit of good even size and splendid quality. Practically seedless.

GRAPEFRUIT

MARSH'S SEEDLESS. Extra large, nearly seedless. It has a very fine flavor. Best of all grapefruits. Strong grower and heavy bearer.

TANGERINE

DANCY. Very popular Mandarin variety. Skin orange red, meat juicy and sweet, few seeds. Vigorous and prolific.

LIMES

MEXICAN. The strongly acid green fruits of small size, used in the soda fountains, are of this old standard variety. A semi-dwarf tree, ripening fruits all through the year. \$2.00 each.

SWEET. While the fruits of this variety have the characteristic lime flavor, the juice is so sweet that it may be taken without sugar. Large and juicy.

SUB-TROPICAL FRUITS

LOQUATS

LOQUAT. Used extensively for its fruit and also as an ornamental evergreen. One of the earliest fruits in the spring and makes a fine jelly. Gallon cans 35c; 5-gallon size \$1.25.

GUAVAS

Used both as ornamental plants, for fresh fruit, and for jelly making.

STRAWBERRY GUAVA. Glossy leaves and strawberry-like fruit. 35c.

YELLOW STRAWBERRY GUAVA. Foliage similar to the strawberry guava with fruit about the same size, yellowish green in color. 35c.

FEIJOA SELLOWIANA (Pineapple Guava). Tall shrubs with glossy green leaves and bluish-white flowers. Fruit egg size, combining the flavors of pineapple, raspberry and banana. Excellent eaten fresh or for preserves, jellies, salads, etc. 35c.

GRAPES

Prices:
Foreign Varieties,
3 for 50c; 10 for \$1.50.
\$9.00 per 100.

American Varieties,
25c each; 10 for \$2.00.
\$12.00 per 100.

Foreign Varieties

BLACK MONUKKA. Berries seedless medium size, elongated; clusters large; skin thin, nearly black; flesh yellow, sweet and juicy. Early.

BLACK PRINCE (Rose of Peru). Bunches very large, oval; skin thick, brownish black; flesh tender, juicy, rich and sprightly; a fine market variety. Medium.

CORNICHON. Berries very large, oblong; dark blue, almost black, covered with a beautiful bloom; skin rather thick; a good shipping grape. Late.

EMPEROR. Clusters large; berries large, oval, rose-colored; one of the most valuable grapes for shipping long distances. Does not ripen well near the coast. Late.

FLAME TOKAY. Bunches very large; berries large; skin thick, pale red, or flame colored; flesh firm, sweet; a splendid shipping grape. Medium.

MALAGA. Vine a strong grower and immensely productive; bunches very large, loose shouldered; berry very large, oval, yellowish green; skin thick, fleshy. Early.

MISSION. The well-known variety cultivated at the missions by the Spanish Padres; strong sturdy grower, bearing large black berries; valuable for wine. Medium.

MUSCAT. Bunches are large, long and loose; berries large, slightly oval, pale amber when ripe; flesh firm, brittle, exceedingly sweet and rich; fine flavored. Medium.

OLIVETTE BLANCHE. The grape is large, fully two inches long, never too close; berries long, olive-shaped, greenish amber, slightly brown on side exposed to the sun, firm with a neutral flavor. Late.

RED MALAGA. Color deep red with blue bloom. Unusually delicious flavor; excellent shipping and keeping qualities. Medium.

RIBIER (Gros Guillaume). Berries extra large on medium sized bunches. Color intense blue-black. The most beautiful grape grown. Its flavor and bearing qualities are in keeping with its appearance. Medium.

THOMPSON SEEDLESS. The best known seedless grape, widely planted for raisins and market and a fine home fruit as well. Very large bunches of rather small, greenish-yellow berries, sweet and mild. Early.

ZINFANDEL. Bunches large, compact; berries round, dark purple, covered with a heavy bloom; succeeds well in most any climate. Medium.

American Varieties

CONCORD. Undoubtedly the most widely known and popular of all American grapes. Black in color, with a bluish bloom, borne profusely in medium sized bunches. The Concord does well in California, except in the regions of extremely hot summers, and its rich flavor is just the same when grown here as in the East. August.

NIAGARA. The standard American green grape, holding the same rank among green kinds that Concord holds in the blacks. Berries large, pale yellow, tender, sweet and juicy. August.

ASPARAGUS

MARY WASHINGTON.

A variety that has come to the front, grows very large and is very rust-resistant. 10 for 35c; 50 for \$1.25; 100 for \$2.00, postpaid.

PARADISE. See color page "O."

BLACKBERRIES

Prices:
except Brainard & Kosmo
3 for 40c;
\$1.00 per 10
\$6.00 per 100.
Postpaid.

(Write for prices in larger quantities.)

BRAINARD. This berry was developed by the U. S. Dept. of Agriculture. It is a cross between the Himalaya and an eastern blackberry. It grows like a Himalaya, but where it has been tried it has proved even more prolific, producing as much as 12 baskets from one plant at a single picking. 20c each, 10 for \$1.50; \$10.00 per C, postpaid.

CORY'S MAMMOTH THORNLESS. Can be kept in bush form by pruning. Ripens early, flavor delicious, sweet, flesh firm, melting and juicy, few seeds. June and July.

HIMALAYA. Wonderfully vigorous grower; fruit fairly good size, almost round, juicy and with small seeds.

MACATAWA (Improved Crandall). (Sometimes called Macatawa Everbearing.) It is bush type requiring no support after the first season. The fruit is uniformly large, very sweet, and firm, with few seeds and practically no core. It bears an exceedingly heavy crop through June and July and usually another light crop.

THE NEW KOSMO BLACKBERRY

An Introduction of Great Merit

This berry is one of the finest eating berries that we know of, much surpassing the Youngberry both in size and sweetness. It ripens quite early and may be picked over a period of about one month, beginning early in June. Then it also has a crop almost as large in August. The berries somewhat resemble the old Mammoth or Cory Thornless, but whereas the Cory Thornless did not bear very well, the Kosmo never fails to bear a large crop. The berries are very large, jet black, extremely sweet and juicy, and the core is almost non-existent while the seeds are so few and soft as to be unnoticeable. The vines are extremely strong in growth and need considerable room in which to grow.

Prices: 25c each; 10 for \$2.00;
\$15.00 per 100. Postpaid.

MISCELLANEOUS BERRIES

DEWBERRY GARDENA. The very earliest berry that we have, ripening two weeks before any other kind. Large, glossy black fruit of fine flavor. 3 for 40c; \$1.00 for 10, postpaid.

CURRENT PERFECTION. Good quality; bright red; flavor rich, mild and sub-acid; exceedingly productive. 25c each; \$2.00 for 10, postpaid.

GOOSEBERRIES — OREGON CHAMPION. Medium large, round, fine quality, productive and free from mildew. 25c each; \$2.00 for 10, postpaid.

LOGANBERRIES. Supposed to be a hybrid between the Blackberry and Raspberry, but it is entirely distinct from either of its parents. When fully ripe it is a very dark red, very large, often an inch and a quarter long. 3 for 40c; 10 for \$1.00, postpaid.

THORNLESS LOGANBERRY. See color page.

YOUNGBERRIES. Said to be a cross between the Loganberry and the Dewberry. An exceptionally fine flavored very productive berry. Bears early and commands high market prices. The fruit colors well and is exceptionally sweet and large. Color jet black. 3 for 40c; 10 for \$1.00, postpaid.

BOYSENBERRIES. See color page "N."

RASPBERRIES

Prices:
Except Lloyd George
3 for 40c;
\$1.00 per 10;
\$6.00 per 100.
Postpaid
(Write for prices in larger quantities.)

CALIFORNIA SURPRISE. This is the earliest, the finest flavored, and one of the most productive raspberries for Southern California. The crop starts ripening May first and lasts until June 15th.

CUMBERLAND BLACK CAP. Fruit medium size; color glossy black, flavor piquant and agreeable.

CUTHBERT. An old favorite; large and handsome; bears transportation well, very productive.

LLOYD GEORGE. The largest red raspberry grown. This variety was recently introduced into the U. S. from England, by the New York Fruit Testing Association. It is a heavy yielder. The fruit is of the highest quality and is borne in immense clusters. 3 for 40c; \$1.25 for 10.

STRAWBERRIES

Read About
the New
Dorset
Strawberry
on color page "O"

BLAKEMORE. A new strawberry introduced by the U. S. Department of Agriculture. A bright red color which it keeps after picking and preserving. Firm berries of large size. 25 for 75c; 100 for \$2.00, postpaid.

CAROLINA (Missionary). A berry that has met with instant favor. A vigorous grower, with strong foliage, producing heavily, berries of large size and fine flavor. 25 for 50c; 100 for \$1.50, postpaid.

KLONDYKE. A very popular berry. A vigorous grower, berries of medium size and good flavor. Recommended for shipping purposes. 25 for 50c; 100 for \$1.50, postpaid.

MASTODON. Mammoth sized berries, round in shape, medium dark red in color. An early producer and bearing as late as Thanksgiving; the last picking being as large as the first. 25 for 75c; 100 for \$2.00, postpaid.

PROGRESSIVE. A variety that will bear over a longer period than any other. The fruit is of fine flavor. 25 for 75c; 100 for \$2.00, postpaid.

RHUBARB

GIANT CHERRY. Stalks of large size and excellent flavor. One of the prime favorites in Rhubarb. Large divisions. 25c each. \$2.00 for 10, postpaid.

PANAMA. A variety that grows all the year round. Yields twice as much as other rhubarb and requires half the amount of sugar. It is comparatively free from acid and requires no peeling. 25c each, \$2.00 for 10, postpaid.

WAGNER'S GIANT. A standard variety that is well known. Grows very rapidly and is hardy in any climate. Stalks are large and have a very fine flavor. 15c each, \$1.00 for 10, postpaid.

HORSERADISH

HORSERADISH. The meaty roots are much in demand for sauces and pickles. Grows best where it can be supplied with abundant moisture all through the growing season. 2 for 25c; \$1.00 for 10, postpaid.

ARTICHOKE PLANTS

GREEN GLOBE. Artichokes are a delicious vegetable. They are easily grown in back yards, along fences, and in the vegetable garden, requiring very little care and attention after planting. The Green Globe Artichoke grows to a height of three to five feet with numerous branches and the roots should be set about five feet apart. Strong field divisions. 25c each, \$2.00 for 10, postpaid.

Germain's New (Miniature) Tritoma Hybrids



The colored illustration to the left gives one but a faint idea of the beauty of this new introduction. An entirely distinct species from the common Tritoma or "Red Hot Poker" as it is commonly called.

Beautifully attractive flowers smaller in size than the older type, decidedly more graceful and dainty, and with a much greater range of colors and shadings. Clear reds, yellows, salmons, and other soft shades predominate together with glorious combinations of these colors. The flower stems are slender and are splendid for cutting. In bloom from early spring to late summer they are particularly effective for garden display. Useful for planting in the rockery, along walks or terraces, in the perennial bed, or in any sunny position.

Strong divisions in the separate shades of red, yellow, and salmon are now available.

30c each, 4 for \$1.00, \$2.75 dozen, postpaid.

Mixed shades—25c each, 5 for \$1.00, \$1.75 dozen, postpaid.

NEW DOUBLE GERBERAS

A wonderful development in the Gerbera is this double form. A flower of impressive size, magnificent form and charming coloring. The blossoms last fully ten days after cutting and are of the same color range as the single form. In mixture only.

35c each,
\$3.50 dozen,
postpaid.



Tritoma Hybrids

GERMAIN'S SELECT GERBERAS

The striking beauty of this graceful flower has established its popularity. It is an excellent garden plant and at the same time one of the most beautiful of cut flowers. Handsome blooms of extra large size in a color range that embraces salmons, pinks, reds, yellows and their variations are a distinct feature of Germain's Selected Strain. These are borne on long, wiry stems making them ideal for cutting and will easily keep over a week. Strong plants in mixed colors.

25c each. \$2.50 dozen,
postpaid.

Gerbera





Frieda Mohr

Gaynelle

Los Angeles

FRIEDA MOHR

One of the finest Iris ever created. So striking and beautiful in mass as well as when cut, that it should be in every garden. The flowers measure 6½ inches. The plants average 50 inches in height with the clean straight foliage in proportion, making it satisfactory as a specimen or for massing. Locust perfume. 35c.

GAYNELLE

This splendid intermediate is most outstanding due particularly to the fact that it is the very earliest of the yellows, blooming even earlier than Soledad, which it clearly supplants. Deeper in color and of better form it is a rich colored variety, very free blooming and ideal for massing or specimen, and will provide many blooms for cutting. 40c.

LOS ANGELES

Giant blossoms snowy white in color with the standards faintly edged lavender blue, the style arms adding a note of clear blue in the center. Very tall and widely branched. A plicata that is outstanding easily three times the size of the earlier introductions. A variety that is very worthy of the name it bears. 75c.



Eleanor Blue

ELEANOR BLUE

Soft campanula blue with a deeper tone in the center of the falls. Soft brown haft and bright yellow beard. One of the warmest of the blues and a distinct Iris of real refinement. \$2.00.

GERMAIN'S IRIS

"POPULAR COLLECTION"

Twelve splendid varieties at a greatly lowered collection price.

AMBASSADEUR—Rich ruby red.

ANN PAGE—Lavender blue.

CLARIDAD—Lavender blue.

"E" YELLOW—Clear buttercup yellow.

J. J. DEAN—S. violet; F. purple.

LORELEY—Yellow and blue.

MAGNIFICA—Red violet.

OCHROLEUCA—White with yellow center.

SOUV. DE MME. GAUDICHAU—S.

violet; F. blackish purple.

TENEBRAE—Maroon-black purple.

YELLOW MOON—Amber yellow.

YOLANDE—Pansy blue.

Regular Value, \$1.95

Collection Price, \$1.00, postpaid

For more complete descriptions of the above varieties see pages 84-85.

NATIVIDAD

This beautiful creamy white Iris is one of Sidney Mitchell's favorites and rightfully so as it forms the most graceful clump imaginable. Standards and falls are creamy white with the center lighted with clear soft yellow concentrated at the base of the standards and falls. The substance and texture are unusually good. An Iris with poise and distinction. \$2.50.

THE BEAUTIFUL IN GERMAIN'S

One of nature's gifts is the Iris. No flower is more easily grown. None will produce a wider range or greater riot of color. It has every conceivable fragrance, a limitless diversity of form, size and height, and a long blooming season. Improvements are being made in the Iris from year to year. Men like Mitchell, Sass, Mohr, Cayeux, Dykes and others have brought the Iris from the lowly "flag" to a flower of wondrous beauty.

Natividad



SPECIAL COLLECTION OFFER

One strong root each of the three outstanding varieties at top of page—Frieda Mohr, Gaynelle and Los Angeles.

\$1.25 Postpaid



Don Quixote

DON QUIXOTE

A very large flower resembling in many ways the old Quaker Lady although a great improvement in color, size, and habit of growth. A strong grower producing flower stems that average 42 inches. The standards are deep lavender, the falls violet with a deep yellow suffusion over all. Grows very rapidly and produces a remarkable number of flowers. 25c.

Mrs. Valerie West

MRS. VALERIE WEST

Considered the crowning achievement of that great Iris hybridist, Bliss. Rich brown reds combine with plush crimson to form a gigantic flower with broad massive standards of bronze and falls of deep velvety maroon purple. Blossoms are produced in great profusion and combine all of the desirable features anyone could ask for in an Iris. 60c.

El Capitan

EL CAPITAN

Probably the finest flower of this type. A huge blossom heavy in substance carried on a candelabrum type of stalk each of which produces a large number of perfect blooms with flaring falls. Color is a light violet or manganese violet. Very free flowering and the added advantage of a very extended season. Should be in every garden. 60c.

IRIS AS GROWN IRIS GARDENS

The Iris garden can be begun inexpensively. With its nature of rapid multiplication the introductions of this year are available for you at a slight fraction of their original price a few years from now. The Irises listed on these pages and also on pages 84-85 are the choice sorts of the Iris world. From the least expensive to the highest priced you will find them all satisfactory and certain to prove a welcome addition to your garden. All prices are postpaid.

Pink Jewel



GERMAIN'S IRIS "EXTRA VALUE COLLECTION"

Twelve excellent garden Iris that are offered at a real saving to you.

CONQUISTADOR—Deep mauve.
DON QUIXOTE—Lavender, blended yellow.
ENDYMION—Buff with orange beard.
FRIEDA MOHR—Lilac and rose pink.
GEORGIA—Soft rose pink.
IBPALL—Deep red violet.
IRIS KING—Golden yellow and garnet red.
MME. CHERI—Violet red tinted pink.
NEREUS—S. lavender blue; F. rich aniline blue.
SAN GABRIEL—Pinkish lavender.
SANTA BARBARA—Pure lavender blue.
TRUE DELIGHT—White with rose edges.

Regular Value, \$2.60

Collection Price, \$1.25, Postpaid

For more complete descriptions of the above varieties see pages 84-85 and color page L.

PINK JEWEL

An exceedingly "warm" pink that has proven its popularity in the garden. The standards and falls are a bright pinkish lilac with the falls overlaid with glowing tourmaline pink. One of the few satisfactory varieties in this shade and particularly brilliant under electric light. Increases rapidly and splendid for massing. An ideal sort for cutting. 50c.



California Gold CALIFORNIA GOLD

Actually the deepest yellow imaginable, being wax to strontian yellow according to Ridgeway color charts. Has been nicknamed "Brazen Hussy" for its remarkably deep yellow coloring. Late blooming. \$9.00.

SPECIAL COLLECTION OFFER

One strong root of each of the three splendid varieties at top of page—Don Quixote, Mrs. Valerie West and El Capitan.

\$1.25 Postpaid



FOR HOME USE

A few Boysenberry plants will be the joy of your garden. Look closely at these pictures and measure these berries. You will enjoy fruit like this and you will have something to show your friends. You will agree with us in saying they are the finest berries you have ever tasted. You will be surprised at the berries you can get from 10 plants, which cost as little as \$2.00.

Send for free circular.



CASH RETURNS ARE WHAT WE WORK FOR

This past summer (1935) there was sold at a roadside market \$1737.50 from a measured acre of Boysenberries. These were sold at retail. From the rest of the field of Boysenberries, which were sold at wholesale, the returns ran from \$900.00 to \$1100.00 per acre, according to the production on different acres.

Throughout the whole season Boysenberries sold readily for nearly double the price received for Blackberries, Youngberries or Dewberries.

Send for free circular

GERMAIN'S PRIZE

THE NEW BOYSENBERRY

The Best Berry Ever Grown
Think of a berry twice the size of the Youngberry (by actual count it took 35 Boysenberries per basket while the Youngberry needed 70 to fill)—a berry that has the succulence and flavor of the best Blackberry you ever ate together with the tang of the Raspberry and a suggestion of the Loganberry. The vine is the largest berry vine or bush ever seen, produces over a longer period than the Youngberry and the production is practically double. The fruit (as pictured) is like the Youngberry with a much finer flavor and less seedy. Superior also to other berries for canning and stands shipment better. Whether eaten fresh or with cream, canned, in jam or jelly, or in pies and tarts it is absolutely superior in every way to any other berry grown.

We are very happy to offer to our customers the new Boysenberry. We have been in the berry-plant business for over 60 years, and have sold all the best varieties grown in this section. The Boysen is by far the finest and most profitable berry we have ever seen.

We recommended the Youngberry when it was introduced and those growers who bought plants from us, made money with Youngberries for the first five or six years, because the Youngberry was finer than the Dewberry, Loganberry and Blackberry we were then growing. Now we are offering you the Boysenberry which is as superior to Youngberries and other berries, as the Youngberry was superior to the Dewberry and Loganberry ten years ago; in fact, it is a better money maker than the Youngberry ever was, even when the Youngberry was new.

They are just as easy to grow as Blackberries or Youngberries. They produce a larger crop, not because there are more berries, but because each berry is so much larger.

The fruit sells for more the first time because it looks so fine, and it sells for more the next time because the customers like them so well that they will take nothing else.

Plant Boysenberries. Be the first in your community to have them on the market. And let us suggest that you order your plants early. Last spring, we returned 600 orders unfilled because we ran out of plants. This season we have a much larger supply of plants and also a much larger demand for them. A small deposit will hold the plants for you until you are ready to have them shipped.

We prepay the shipping charges, and guarantee the plants to arrive in good condition.

Plants will be ready after January 1, and should be planted as early as your climate will permit.

Send for free circular.



Fine Appearance



Extra Large Size



Wonderfully Prolific
THE BOYSENBERRY

Universally Acclaimed the Finest
Berry Yet

You will enjoy growing fruit like this. It is fun to pick; the baskets fill up like magic. Your pickers will beg to be allowed to pick Boysenberries. Your customers will clamor for them and will spread the word among their friends that you have a new berry—larger than any they have ever seen. You will make money with the Boysenberry. Plant now while it is new. Be the first in your locality to have this superior berry. And for the Home Gardener it is the best tasting, the best flavored, the most productive, the largest berry ever offered.

Send for free circular.

PRICES: 1936

Rooted Tips

Each	\$.25
10 for	2.00
100 for	15.00
1000 for	125.00

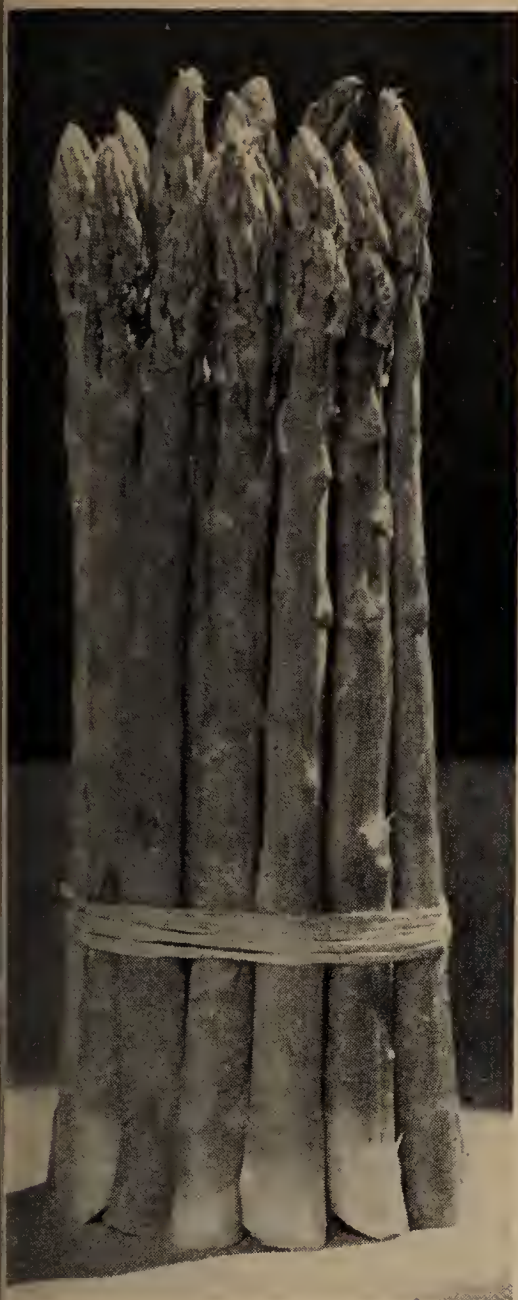
Transplants

Each	\$.35
3 for	1.00
10 for	2.50
100 for	20.00
1000 for	150.00

Harvesting



NOVELTY FRUITS



NEW PARADISE ASPARAGUS

This wonderful new variety is far superior to any sort now on the market. It is hard to believe that any asparagus could produce as much as 5 ton per acre a season yet this yield has been carefully checked. Compare this with 1 ton per acre from Mary Washington from which Paradise is a sport. Another important feature is its unusually mild taste. The great demand together with the, as yet, limited production of roots makes it necessary to limit orders to a maximum of 1000, subject to our supply being unsold.

Prices:

50c per dozen—\$3.75 per 100.
\$36.00 per 1000—postpaid.



NEW BABCOCK PEACH

The Sure Crop Peach

The most important feature of the Babcock is that it will bear a crop every year regardless of winter temperatures. This was proven definitely in past seasons when because of the mild winter the Babcock and the C. O. Smith varieties were the only ones to bear a uniformly good crop. Most Peaches, whenever we have a very mild winter with some warm weather in February, react unfavorably and do not set a normal crop, so that a crop is lost on most varieties about every third or fourth year.

Entirely aside from the above feature, Babcock is an excellent Peach. It ripens early, in the latter part of June when Peaches are still very scarce, is white fleshed, has a beautiful red cheek, and is of exceptionally high quality, being sweet, juicy and richly flavored, much superior to most other early peaches which are frequently rather watery. The New Babcock is a freestone variety. For crop insurance the Babcock should be fertilized heavily about February or March using a mixture containing a large percentage of phosphates. It is advisable to keep the tree open and to pick the fruit when color begins to show, allowing them to ripen off the tree. The Babcock fruit will not fall off.

- 4- to 6-foot trees, 65c each; 10 for \$5.50;
100 for \$40.00.
 - 3- to 4-foot trees, 55c each; 10 for \$4.50;
100 for \$35.00.
- If desired shipped by mail add 10c per tree for postage.

NEW DORSET STRAWBERRY

Introduced by the United States Department of Agriculture last year this new variety seems destined to become a major strawberry in this section. Experiments have proven its adaptability which is decidedly important in that some sorts do well here and not elsewhere while the reverse is often the case. However on the results obtained we can confidently recommend it.

The Dorset is very productive, the fruit of very large size, and the crop comes quite early. The quality is very good, being firm, of good appearance, a splendid keeper and most important of all superior in flavor to most other berries. In addition the vines are vigorous growers reaching maximum production quickly thus insuring a good crop at an early date.

We believe that the Dorset will soon become one of the leading varieties in Southern California and if present results are to be taken as a guide it will supplant in popularity most of the others.

25 for 75c; 50 for \$1.25; 100 for \$2.00; 300 for \$5.00; 500 for \$8.00; 1000 for \$14.00.
All prices postpaid.



NEW THORNLESS LOGANBERRY

Plant Patent No. 82

Another season's experience simply proves the claims made for this introduction of last year. For the home garden or the grower it ranks appreciably higher than the common Loganberry.

Three points of difference stand out. It is earlier, produces over a longer period, and is more prolific. Thus you have fruit to pick earlier and for a longer time and you also have more berries. In addition it makes stronger canes and more vigorous plants. The berries are larger with the same tang and flavor and the vines are ABSOLUTELY THORNLESS.

35c each; 3 for \$1.00; 10 for \$2.50;
100 for \$20.00. Postpaid.

NEW MARIPOSA PLUM

Plant Patent No. 111

A new Blood Plum so much of an improvement over the Satsuma that, you can rest assured, it will rapidly supplant that old favorite. Large, round, and maroon red fruit—deep red flesh all the way through, honey-like sweet, and with abundant juice, yet quite firm. Truly a fruit of magnificent flavor with no bitterness to either skin or pit.

4- to 6-foot trees 85c each, postpaid.
10 for \$7.50, postpaid.

GERMAIN'S NEW

EPIDENDRUM O'BRIENIANUM

Nearly every one has wished he might grow orchids. Here is one that will make your wish come true for it is of the easiest of culture, and a well-established plant will flower almost continuously. Given ordinary garden soil in a sunny, frostless situation this vivid red orchid will provide an abundance of flowers. Suitable for pot culture also. The plant is almost a vine in type and the flowers in clusters on their long stems lend themselves well to floral arrangement.

Four-inch pots, \$1.00; postpaid, \$1.15.

STRELITZIA REGINAE

Rivaling the birds of the tropics with its exotic splendor these Birds of Paradise are found much in favor in the plant world. The flower as though poised for flight with its combination of red, yellow, blue and orange is quite different from the average garden subject. Easily grown out of doors wherever oranges thrive or suitable as a tub plant in the colder sections. Should be planted in a sunny situation in a rather rich soil and liberally watered especially during its flowering season. The clumps should not be disturbed if one is to expect the greatest quantity of flowers.

Four-inch pots, \$1.00; postpaid, \$1.15.

Six-inch pots, \$1.50; postpaid, \$1.75.

SCHIZOSTYLIS MRS. HEGARTY

Certainly one of the most pleasing pink flowering bulbous plants ever introduced. Suitable to outdoor culture in the warmer sections of California. Preferring a shaded, well drained situation and kept reasonably moist they put forth their flowers on one foot to eighteen-inch stems. They make an excellent cut flower. Should be grown in a shaded situation and they will multiply quite rapidly.

35c each, \$3.50 dozen.
45c each, \$4.00 dozen, postpaid.

SCHIZOSTYLIS—COCCINEA

A red-flowered form that has proven very worthy and thrives under similar growing conditions.

25c each, \$2.50 per dozen.
35c each, \$3.00 dozen, postpaid.



New Watsonia

FUCHSIAS

As shade-loving plants of easy culture nothing has surpassed the Fuchsia. Their winged bell-shaped flowers in contrasting or self colors so daintily borne and yet in such profusion as to make one wonder how nature could be so generous, have made them exceedingly popular.

ALICE HOFFMAN. Bright pink and soft white single flowers.

BLACK PRINCE. Rich rose and scarlet; single.

BLUE BOY. Sepals open white turning flesh colored, petals blue.

LORD BYRON. Red and very dark purple; single.

LUSTRE IMPROVED. Creamy white and vermillion red; single.

MARINKA. Semi-weeping habit, rich red and scarlet; single.

MME. VAN DER STRASS. Semi-double of vivid red and scarlet.

MONSIEUR MOLIERE. Double deep red and violet.

NONPAREIL. Double rich violet shading to purple, and waxy white.

OTTO. Vivid violet blue, and crimson; single.

PINK PEARL. Light rosy pink, and deep rosy pink.

SERRATIFOLIA. Single long tubed carmine orange, green tipped.

SOUV. DE HENRY HENKLE. Single long tubed deep rose, and orange.

TRIPHYLLA. Long tubed brick red and orange.

Any of the above varieties in strong plants from four-inch pots.

35c each—\$3.50 dozen.
45c each—\$4.00 dozen, postpaid.

NEW DOUBLE FUCHSIA

ROLLA. Double, blush tinted white sepals, pearly white petals.

50c each—\$5.00 dozen.
60c each—\$5.50 doz., postpaid

New Fuchsia Rolla



A NEW BROOM POMONA

Totally different from the common yellow varieties. A tall, vigorous shrub running to eight feet high with arching stems. The standards of the flower are yellow paling to white with the reverse of the petals rose color. The wings are bright amber orange and yellow. A Sidney B. Mitchell introduction. Strong potted plants.

\$1.00 each—\$1.15 postpaid.



Epidendrum O'Brienianum



Strelitzia Reginae (above)
Schizostylis—Mrs. Hegarty (below)



and RARE PLANTS

WATSONIA—"THE DAZZLER"

Hailed as the greatest Watsonia ever introduced to the Pacific Coast this bulbous plant belongs in every garden. Flowering from December until August when once established its brilliant orange-red flowers are truly a sensational color. Individual florets open full and from one to one and one-half inches across, lasting extremely well as a cut flower. The bulbs require only usual garden care in full sun and a minimum amount of water. They will be shipped as green plants packed in moss and should be planted as soon as received.

50c each—\$5.00 dozen.
60c each—\$5.50 dozen, postpaid.

BILBERGIA NUTANS

We do not usually think of green flowered subjects as attractive. Here is one however that is more than just out of the ordinary. Unique in all its detail is perhaps the best description of it. Its clusters of green, edged blue nodding flowers with rose colored sepal sheaths in contrast, provide the unusual. Attractive beyond a doubt. The foliage is pineapple-like grey green. The plant is easily grown in pots or in the ground in shade or semi-shade and a well established clump carries many flower clusters before the season is over.

50c each, postpaid 60c.

GARDENIA

Sweet Scented Pure White

One of nature's most heavily scented contributions to the pleasures of man. Waxy white camellia-shaped flowers supported on stems bearing the richest of dark green foliage make them one of the garden's most desirable subjects. A small growing shrub that does best in an open sunny situation of well drained soil to which has been added sufficient peat moss to give the plant an acid growing condition. Then with liberal watering and reasonable care one may point with pride to flowers of their own growing.

50c each—\$5.00 dozen.
60c each—\$5.50 dozen, postpaid.



The Dazzler

CAMELLIAS

Well grown Camellias are the pride of every garden lover. Their culture is not so difficult after all. Planted in semi-shade or shade in a well-drained soil and kept uniformly moist without allowing the water to touch the foliage or flower buds and one is repaid with an abundance of flowers in proportion to the size of the plant. Leaf mould and bone meal are the only fertilizers needed. Desirable varieties are now in a price range to meet the average purse requirements.

CLIMAX. The largest of the dark red varieties.

JORDAN'S PRIDE. One of the best of the variegated forms; red, white, and pink.

LADY CAMPBELL. Lighter red than Climax and quite different in type.

PINK PERFECTION. The most popular Camellia grown in Southern California.

Nature has created here an almost perfect flower in a very desirable shade of pink.

PURITY. As pure white as the name would indicate. Flowers of large size perfectly double and a very heavy flowering variety.

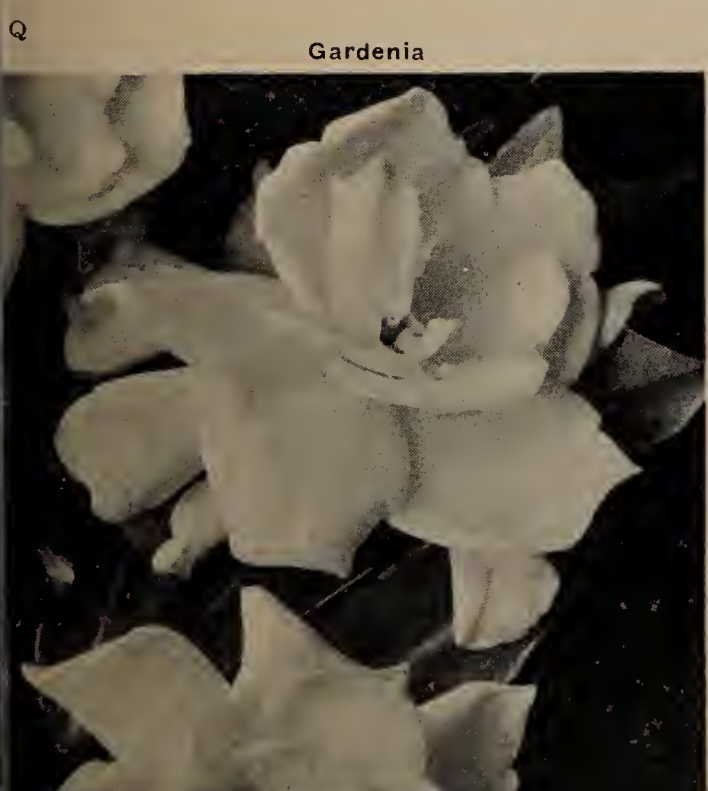
ROSITA. Much like Pink Perfection only a much darker pink in color.



Watsonia—The Dazzler



Bilbergia Nutans (above)
Camellia—Pink Perfection (below)



Gardenia

CAMELLIA PRICES:

Any of the six varieties in
4-inch pots 40c each,
6 for \$2.00.
6-inch pots \$1.50 each,
6 for \$8.00.
50c and \$1.75 each respectively, postpaid.

A NEW BROOM LORD LAMBOURNE

A companion variety to Pomona this one being an English introduction. The growth is vigorous with small wood. Standards are light bronze yellow to flesh the reverse of the petals rose colored. The wings are a distinct mahogany red with gold. A real bicolor in effect. Strong potted plants.

\$1.00 each—\$1.15,
postpaid.



GERMAIN'S GOLD



Countess Vandal

COUNTESS VANDAL. (Plant Patent No. 38.)

A hybrid tea with long, pointed bud and distinctive shadings of coppery bronze suffused with gold.

The open flower furnishes an unusual arrangement of reflexed petals with a silvery sheen. A vigorous grower and a profuse bloomer, 25 to 30 buds and blooms on long stems at one time being not at all uncommon. One of the finest roses in many years. \$1.00.

MARY HART. (Plant Patent No. 8.) This rose could very properly be called "Red Talisman," being a unique sport of that variety. The bud is maroon-red, opening to large, well-formed blooms of deep velvety blood-red, with an overflow of amber, but the most remarkable feature is the total absence of yellow. A heavy producer. \$1.

THE WORTH-WHILE, the tested and tried new roses we bring to you each year right from the research and testing fields. The cream of the painstaking and intensive work of the world's greatest rose hybridists are available to you as soon as they are ready for commercial distribution. The 1936 introductions such as Carmelita, Alezane, Gloaming bring added beauty to the garden; new shadings, more perfect blossoms.

BETTER TIMES. (Plant Patent No. 23.)

The brilliant cerise flowers are large, double and delicately fragrant. Being produced on long, strong stems, they are excellent for cutting; foliage is leathery, dark green; a very free, full bloomer. Its success is an indication of the name. \$1.50.

AMELIA EARHART. (Plant Patent No. 63.)

Truly a "magnum" Pernet, large, yellow, vigorous. Large ovoid bud, cream with blushes; flowers very full, graduating from a deep yellow center to an outer collarette of large cream petals with a blush overtone; extremely fragrant, strong grower, free bloomer, leathery dark green foliage. A worthwhile addition to any garden. \$1.50.

BLAZE. "Everblooming Paul's Scarlet" (Plant Patent No. 10). Blaze truly justifies its name. It is a marvelous, hardy, ever-blooming scarlet-red climbing Rose combining the bloom and growth of Paul's Scarlet Climber with the everblooming character of Gruss and Teplitz, Blaze being a seedling of these varieties. A very vigorous grower and seldom out of bloom. In bloom the plants are covered with

blossoms from top to bottom. It is truly a magnificent sight. The bush can be trained low for bedding purposes medium for shrub use; or used as a climber. \$1.25.



Amelia Earhart



Better Times

Blaze



COLLECTION OFFER

One each of the roses pictured on this page, five in all, regular value \$6.25, specially priced at \$5.25,

Postpaid \$5.50

MEDAL ROSES

more vigorous growth. We unhesitatingly recommend them.

These color pages represent in a small way the beauty of these roses. When you can find at one time twenty-five to thirty blooms and buds on a bush of Countess Vandal you have something. The fragrance, the texture, the deep blackish color of Nigrette are sources of great pleasure. Amelia Earhart is one of the finest yellow roses we have ever seen and so it goes. You can make no mistake in planting any or all of these sorts.



Yosemite

© 1935 PLANT PATENT NO. 109

YOSEMITE. (Plant Patent No. 109). A new seedling that is a beautiful coppery orange. Erect stems and glossy foliage and disease-resistant. This rose is one of the most profuse blooming we have ever seen, providing dozens of perfectly formed flowers in one season. \$1.25.



Carmelita

ALEZANE. (Plant Patent No. 116.) Bud urn shaped, large reddish brown; flowers cupped, opening to sorrel, unfurling from sorrel to rich apricot and reverse of petals sorrel striped with yellow veins. Petals not affected by hot or wet weather. Growth very vigorous, upright branching, dark green foliage. An extremely interesting and striking novelty which has attracted much attention wherever shown. \$1.50.



Alezane

PLANT PATENT NO. 116

GLOAMING. (Plant Patent No. 137). In this exquisite novelty we have a new rose of great charm which will win its way into the hearts of rose fanciers everywhere. A cut flower variety also of great value to the garden. The large buds are carried on long rigid stems amply clothed with handsome foliage. The plant is vigorous and branching, fairly tall growing. The bloom is large and full, well formed and long lasting, either in water or on the plant. The color is a soft satiny pink heavily laden with salmon and amber. Delightful fragrance. \$1.50.



Gloaming

PLANT PATENT NO. 137

CARMELITA. (Plant Patent No. 91). Large ovoid bud of E. G. Hill color; flowers vivid red, color same on both sides of petals without variations. A vigorous grower with abundant large leathery dark green foliage. A new American Rose of great promise. We recommend it highly. \$1.50.

NIGRETTE. (Plant Patent No. 87). "The Black Rose of Sangerhausen." The flowers are intensely deep maroon with blackish velvet and are deliciously fragrant. It is the darkest of roses—appearing almost black. The plant is continuously in bloom. The sensation of the European rose world is now available in this country. Few flowers are able to attain the intense depth of color of this rose whose petals seem fashioned from black velvet. It is an arresting feature in any garden, arousing the interest of all who see it. \$2.00.

Nigrette



COLLECTION OFFER

One each of the roses pictured on this page, five in all, regular value \$7.75, specially priced at \$6.50.

Postpaid \$6.75.

GERMAIN'S
SIXTH AND MAIN • LOS ANGELES

Six Modern and Magnificent Roses

A collection of roses that is comprised of some of the finest introductions of late years. Every rose included fills a needed want in the rose garden, being a distinct improvement over an older variety or an entirely new type. You will find them of finer color or a new shade, improved form, a greater profusion of blooms, stronger growth, greater fragrance, in all six roses that will greatly enhance the beauty of your rose garden.

Miss Rowena Thom (Upper left)—A California introduction that has received favorable comment from rose lovers everywhere. Buds are very large and long pointed—enormous flowers five to six inches across, fully double and opening perfectly. A color blend of fiery rose and rosy mauve with old gold. **50c each.**

Lord Charlemont (Upper right)—A gorgeous and brilliant dark red rose with blossoms of intense, clear, crimson-scarlet, deepening to carmine crimson with almost black shadings. Perfectly shaped long pointed buds and large double fragrant flowers. **50c each.**

Feu Joseph Looymans (Center left)—Long pointed buds of tangerine yellow with a very vivid apricot center. Greatly admired wherever seen for its unusually striking color. The open flower is of large size with a spicy fragrance. **50c each.**

Louise Catherine Breslau (Center right)—A rose entirely distinct from all others in color. Salmon-red buds opening to large flowers of shrimp pink glowing with coppery orange and chrome yellow shadings. **50c each.**

President Hoover (Lower left)—A remarkable rose, wonderfully free flowering, and glorious in its color arrangement which is a splendid combination of cerise-pink, flame, scarlet, and yellow—a combination that furnishes the most dazzling color effect imaginable. Beautifully pointed buds, large flowers, composed of broad, heavy petals and exquisitely fragrant. President Hoover is something al-

together new in rose color, a typical instance, however, of the color trend of the new introductions. **50c each.**

Margaret McGredy (Lower right)—Another rose that offers a distinctly new color in roses. Large brilliantly colored double flowers of an entrancing shade of Oriental red, passing to carmine-rose. A rose that keeps for a long time. Very free-flowering with long strong stems. **50c each.**

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An outstanding collection of everblooming varieties all excellent for cutting, in a splendid range of colors.

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